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Archaeological and Historical Reconnaissance and Literature  
Search of Cultural Resources Within the Pembina River Project  
Pembina and Cavalier Counties,  
North Dakota

APPENDICES  
VOLUME 2

by

Kenneth L. Brown  
Marie E. Brown  
Karen P. Zimmerman

Principal Investigator  
Kenneth L. Brown

A Cultural Resources Project Conducted for the St. Paul District  
U.S. Army Corps of Engineers: Contract No. DACW37-81-C-0040

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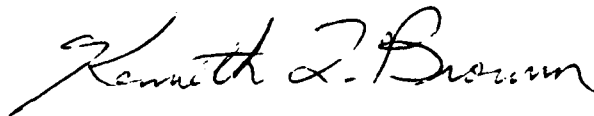
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A handwritten signature in cursive script that reads "Kenneth L. Brown". The signature is written in dark ink and is positioned below the printed name of the Principal Investigator.

A Cultural Resources Project Conducted for the St. Paul District  
U.S. Army Corps of Engineers: Contract No. DACW37-81-C-0040

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APPENDIX A

SCOPE OF WORK AND TECHNICAL PROPOSAL AND COST

Overview of Work Tasks for Preparation  
of Technical Reports in Response to  
the 17 February 1981 Advertisement in the  
Commerce Business Daily for an Archeological  
Field Survey for the Pembina River Project

STEP ONE OF TWO STEP FORMAL ADVERTISING

GENERAL INTRODUCTION

The St. Paul District, Corps of Engineers, requires an archeological reconnaissance level cultural resources survey for the Pembina River Project in northeastern North Dakota.

Section I of this Request for Technical Proposal (RFTP) provides background information on the Pembina River Project. Section II describes the objectives and requirements of the reconnaissance field survey, and provides guidance for preparation of the technical proposals, and outlines the specific contract requirements. Section III describes and presents the evaluation criteria that will be used to assess each technical proposal. Section IV outlines the technical proposal format.

I. BACKGROUND

A. Introduction

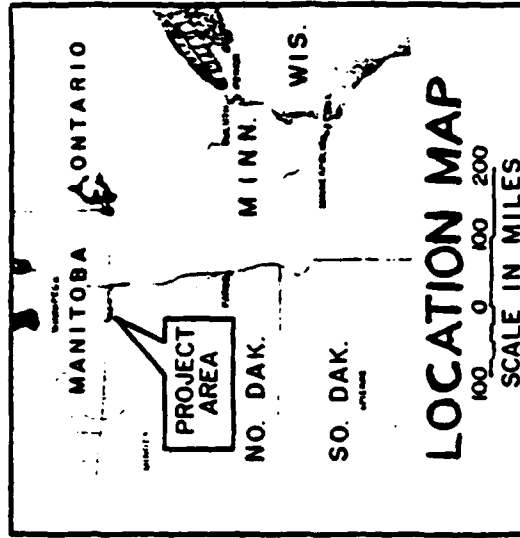
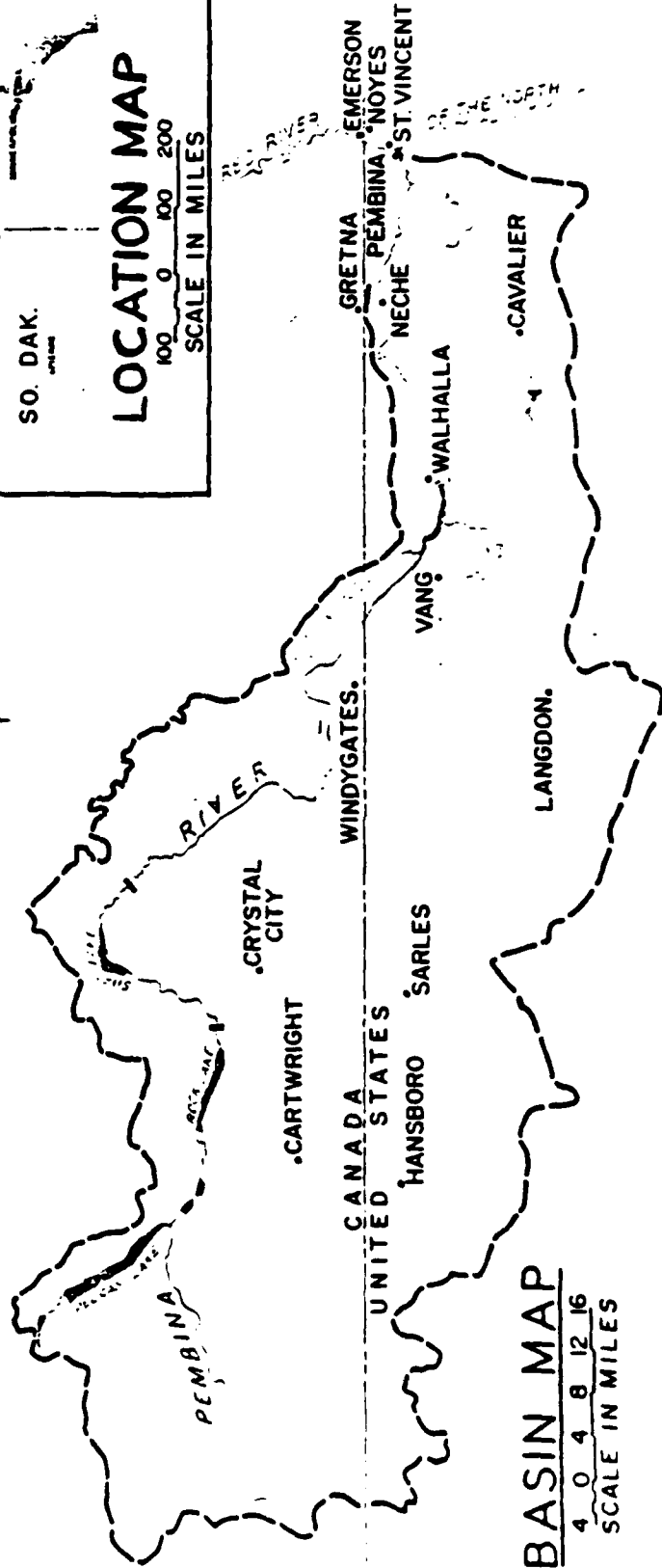
The Corps of Engineers Pembina River Project is primarily designed to assess the flood control problems and needs on the main stem of the Pembina River in northeastern North Dakota. Secondary goals are to assess the project area's water supply, irrigation, hydroelectric, and recreation problems and needs. The study area generally encompasses the area between the Pembina River and the Canadian border (Plate 1).

B. Alternatives

Presently one non-structural alternative (will not be surveyed) and five structural alternatives are being evaluated to alleviate the flood control problems:

1. Alternative 1: The Pembilier Dam and reservoir alternative would be located about 2 miles upstream from Walhalla. The reservoir would provide for flood control, water supply, and recreation. The permanent conservation pool would extend upstream about 9.5 miles, at an elevation of 1010, and the flood pool would extend upstream about 21.0 miles, at an elevation of 1080 (see inclosed Map 1)
2. Alternative 2: The Pembilier dry dam alternative would be located at the same physical site as Alternative 1. There would be no permanent conservation pool, and water would be stored only as needed to prevent or minimize downstream flooding during high flows (see inclosed Map 1). The flood pool elevation is the same as in Alternative 1.

# PEMBINA RIVER NORTH DAKOTA



3. Alternative 3: The Pembilier Dam with marsh alternative resembles Alternative 1, but the permanent conservation pool would be reduced in size to provide water depths suitable for development of a marsh (see inclosed Map 1). The flood pool elevation is the same as in Alternative 1.

4. Alternative 4: The boundary floodway alternative, located about 3 miles downstream from Walhalla, would consist of a small diversion dam, with flood flows diverted into a floodway. The floodway would proceed north to the international boundary and then directly east for a distance of about 30 miles to the junction with the Red River of the North just downstream from Pembina (see inclosed Maps 2 and 3).

5. Alternative 5: This boundary floodway alternative would be located just upstream from Neeche, and would have a similar design as Alternative 4. The floodway would proceed north from the diversion structure to the international boundary and then directly east for a distance of about 22 miles to the junction with the Red River of the North just downstream from Pembina (see inclosed Maps 4 and 5). This floodway would be used in conjunction with a reduced size Pembilier Dam as in Alternative 1. The permanent conservation pool elevation will probably remain the same, and the flood pool elevation may drop to 1070.

#### C. Project Schedule

The Stage 2 Documentation Report is scheduled to be completed by April 1982. Since the information from this contract will be used to prepare this report, the deadline for submitting the draft contract report is 31 December 1981. The information submitted in the draft contract report can be used to begin assimilating information for the Stage 2 report. The deadline for the final contract report will be 30 days after receipt of comments on the draft contract report. The draft Phase I report and EIS are scheduled to be completed in November 1982, and the final Phase I report and EIS are scheduled to be completed in June 1983.

#### D. Corps of Engineers Documents

Three documents have been produced by the Corps of Engineers, St. Paul District, for the Pembina River project; and three cultural resource contract reports have been produced by various contracting institutions. All of these documents are listed in the reference section of this RFTP.

#### E. Environment/Physiography

The project area encompasses portions of the Red River Valley, Pembina Delta, and Drift Prairie.

The Pembina River Valley is the location of Alternatives 1, 2, and 3. Contained within the Drift Prairie, the valley is characterized by steep wooded valley walls rising 200 to 400 feet above the river channel and varies in width from 1-2 miles. The Pembina River Valley has four major natural ecosystems: Bottomland Hardwood Forest, Upland Mixed Hardwood Forest, Upland Oak Savanna Woodland, and Tall-Grass Prairie.

Alternatives 4 and 5 are located in the Red River Valley. This valley once was the bottom of glacial Lake Agassiz, and is now characterized by a flat plain with minimal elevation changes. The Pembina floodplain is for the most part all cropland of high quality. The principal crops in Pembina County in terms of acres cultivated are wheat, barley, and sugar beets. Sunflower seeds, oats, flax, and potatoes are also grown. Approximately 95 percent of the project area is privately owned.

#### F. Previous Archaeological Work

Extremely little field work or cultural resources assessment has been conducted in the Pembina River area.

##### 1. Literature and Records Research

Two literature reviews have been conducted in the project area. Schneider and Franke (1976) briefly reviewed the previously recorded prehistoric sites in Pembina County, and compiled an inventory of the historic resources for an area one mile on either side of the Pembina River between Neche and Pembina.

Good, Dahlberg, and Sprunk (1980) conducted a more complete literature and records search for Cavalier County, the dam alternatives (1-3), and a regional overview on the prehistory and history of the surrounding area.

##### 2. Pembina Valley Field Work

Ames (1975), under contract with the St. Paul District, Corps of Engineers, conducted a reconnaissance level field survey of portions of the project area encompassing the dam alternatives (1-3). A surface survey, and testing of two sites, was conducted by a crew of six over a 14-day period. No shovel testing or surface collections were done. Nineteen sites were located. All the sites were located in plowed fields, 8-18 meters (20-60 feet) above the present flood plain, and usually on the first terrace which corresponds in much of the valley to the 1050-foot elevation line. All sites consisted of lithic scatters revealing lithic cores and flakes, and occasionally a biface and a scraper. Three side-notched projectile points and one rim sherd were also found. One site contained a house foundation, which was not described or dated by Ames. Two sites were formally tested by excavating 1x2 meter units in arbitrary 10-centimeter levels.

Test excavations in four units (1x2 m) at 32Cv204 revealed 10 artifacts, including a large chert biface, cores, core fragments, and one endscraper.

Test excavations in four 1x2 meter units at 32Cv201 recovered two basally indented arrowhead tang fragments, a beaked scraper, and other unidentified lithic material.

##### 3. Boundary Floodway Field Work

No fieldwork has been conducted within the boundary floodway alternative areas (4-5).

## G. National Register Sites

To date, only one recorded site in the project area is listed on the National Register of Historic Places. The Gingras House and Trading Post is located approximately one and one-half miles northeast of Walhalla in the NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 16, T163N, R56W. The house and trading post are not physically located within a direct impact zone; however, indirect impacts on either the structures or direct impacts on possible nearby associated cultural materials are possible.

## II. CONTRACT OBJECTIVES AND RESPONSIBILITIES

### A. General Contract Objectives

#### Introduction

At the present level of planning (Phase I, Stage 2 modified reformulation study), field data is gathered at the reconnaissance level, and enough information concerning the area's cultural resources must be collected to provide assessment of the impact of all project alternatives on the cultural resources. The data acquired through this contract and all former contracts will be assessed and provided as input in the Stage 2 documentation report, the draft EIS, and the final EIS, as well as used to establish the baseline for future Phase II studies in the project area (intensive survey level and complete assessment of National Register significance of all sites).

#### Contract Objectives

Because at least some field work has been conducted in the Pembina Valley (Alternatives 1-3), the priority of this contract's field work will be on the boundary floodway area (Alternatives 4-5). Technical proposals should prioritize their research with the following ranked order of topics:

1. Reconnaissance level field survey of portions of Alternatives 4 and 5 in the boundary floodway, with a records review for Pembina County, and a literature search of specific topics (to be discussed below).
2. Additional reconnaissance level field work in the Pembina River Valley, and possible relocation and surface collection of Pembina Valley sites recorded by Ames (1975).

Each technical proposal will be required to address the theoretical, methodological, contractual and logistic aspects of how these prioritized topics will be incorporated in the study. Given probable time and cost constraints, the number of topics included in the research design and the degree of concentration given a topic will have to be carefully assessed. The technical proposals should address the amount of attention that the topics will need in order to provide an adequate amount of information for the Corps of Engineers to use in their assessments of the alternatives. Since up to two technical proposals can be submitted by any firm responding to this RFTP, several research designs can be developed, taking into account the priorities, time and cost constraints, and a variety of theoretical, methodological, and logistic orientations. However, it should be kept in mind that specific pricing information cannot be mentioned in the technical proposal.

Each of the above topics will be briefly discussed below with a presentation on sampling needs, and areas that need further work within the general topics. The following discussion of research topics should not prevent the technical proposals from addressing different topics or areas that are also felt to need research at this study level, or from expanding on the topics that will be addressed.

## 1. Boundary Floodway

### a. Records Review

A records review for Cavalier County was conducted by Good, Dahlberg, and Sprunk (1980). A site records review for the areas of Alternatives 4 and 5, located in Pembina County, will be required. A records review for the entire county is necessary to enhance a regional understanding of the number and nature of previously recorded archaeological and historic sites. A records review on the site, date range, number of graves, and potential significance of the Hyde Park Cemetery is also necessary. The Hyde Park Cemetery is located in the NE $\frac{1}{4}$ , NE $\frac{1}{4}$ , Section 30, T164N, R54W.

### b. Literature Search and Review

As previously mentioned, Good et al. (1980) have completed a literature search and records review of specific portions of the project area, which includes a regional perspective.

A review of literature pertaining to Alternatives 4 and 5 that may not have been previously covered by Good et al. is necessary. Research that the offeror determines may provide information essential to understanding the area's archaeology and history, and/or may have a bearing on the degree of impact of one or more project alternatives on cultural resources, should be undertaken.

The Gingras House and Trading Post structures are physically located outside the direct impact zone for Alternative 4 (approximately .3 mile to the northeast). However, associated cultural materials (e.g., outhouses, garbage dumps, camps, oxcart trails) may be located within the surrounding project area. Consideration should be given to researching this topic, based on the level of our current knowledge of Gingras and the related history of the area.

### c. Field Survey

(1) Alternative 4: This alternative consists of a diversion structure, floodpool, and a floodway channel (see inclosed Maps 2 and 3). The proposed diversion structure location and an alternative area for this location are shown on Map 3. The floodpool area, indicated on Map 3, is not scheduled to be relocated.

The proposed floodway channel will be approximately 300 feet wide and will be located within an approximately 650-foot band between the international border and 650 feet to the south. The approximate location of the floodway channel band is indicated on the map.

As previously mentioned, the amount of research needed for the Gingras area will have to be assessed. Potential field survey needs should also be evaluated.

Photographs should be taken of the Hyde Park Cemetery.

(2) Alternative 5: This alternative consists of a diversion structure, floodpool, and a floodway channel in conjunction with a reduced-size dam (see inclosed Maps 4 and 5). The diversion structure, floodpool, and floodway channel specifications are the same as those of Alternative 4; although, since the majority of the floodway channel will be surveyed under Alternative 4, the only portion of the floodway channel to be surveyed under this alternative would include the diversion structure area and would extend to the international border (see inclosed Map 5).

A reconnaissance level field survey, based on a statistically valid sample, should be conducted, to include portions of all of the above project location areas. The offeror will be responsible for developing the goals of the survey, sample size, sampling design, survey strategy, field methods and techniques, etc. in accordance with proposed time and cost ranges, and needed work. Any recommendations for surveying specific areas (e.g., possible fur post location, oxcart trail) should be justified in the research design.

## 2. Pembina River Valley Fieldwork

### a. Literature Search and Records Review

An initial review of the history and operations of the Mayo Brick Plant, in relation to other plants of the period, is necessary, with possible informant research, in order to begin establishing the significance of the site and to assess future literature, informant, and field research needs. The plant is located in the SW $\frac{1}{4}$ , NW $\frac{1}{4}$ , Section 34, T163N, R57W; however, the exact location and size of the plant are not known. The plant will probably be directly impacted by Alternatives 1-3.

### b. Field Work

As previously mentioned, Ames (1975) surveyed portions of the Pembina Valley. No shovel testing was conducted and all the sites were located in plowed fields. No surface collections were made from any of the sites, and none of the sites were measured or mapped. Research consideration should be given to acquiring new survey/site information from the valley, or gathering information from some of the existing recorded sites such as relocation, mapping, and/or surface collections.

The Mayo Brick Plant has never been field checked or surveyed by a professional archaeologist. The exact location, extent, condition, etc., of the plant need to be assessed, as well as initially assessing the significance of, and impacts upon, the site. Photographs and preliminary mapping of the site (size, relationship to elevation contours) should also be undertaken.

The technical proposals should develop literature search, records review, and survey methodologies that would provide the Corps of Engineers with enough data (in conjunction with Ames and Good et al.) to adequately assess the impact of Alternatives 1-3 on the valley's cultural resources and to provide assessments on site potential, size, and density for the valley area.



## B. Research Design Format and Content

### Introduction

Because the accepted technical proposal will also function as the scope of work, without any changes or additions, and because negotiations will not be part of the procurement process, it is essential that each technical proposal submitted contain a format and content that can be used for evaluating an offeror's qualifications/proposal as well as providing a scope of work to which the offeror and the Corps of Engineers will be legally bound for the length of the contract. After a proposal has been submitted, no changes can be made in content or format unless specifically requested by the Corps of Engineers. If further clarification or supplemental information is needed, the Corps of Engineers may contact the offeror by phone and ask that the point(s) be clarified, but this contact will be solely limited to proposals that are on the border of being acceptable, where clarification of a point may raise the offeror's evaluation rating into an acceptable range. Proposals will not be returned to the offeror with requests for modifications or revisions. The technical proposals must contain all of the required information stated in this RFTP, and must also contain extensive detail on all aspects of the research design, contract specifications, and report content and format. Each of these areas will be discussed below, with required information and areas for contracting freedom outlined.

If there are any questions concerning what is required in the technical proposals or what offeror responsibilities are, or if there is disagreement about a particular section of the RFTP, the offeror should immediately contact the Corps of Engineers and discuss questions or disagreements before the technical proposals are submitted.

### Format and Content Specifications

The research design section of each technical proposal is required to contain certain categories of information. The offeror should discuss and expand upon each category to develop a complete research design. Additional categories or information may be included. These required categories are not meant to limit the creativity of research development of an offeror, but merely act as a skeleton guideline for minimum acceptability of a research design. The required categories that will be discussed are as follows:

1. Theoretical Orientation: This section should include archeological/historical, anthropological, or other theoretical information forming the backbone for the proposed research. This information could include theoretical principles, research questions, hypotheses to be tested, cultural/behavioral patterns to be elicited from the research, various technical methodologies (e.g., shovel testing versus augering), to be tested or compared. The theoretical orientation of the study should be based on a thorough knowledge of the study and regional area, and should be designed to elicit information that can be used by the archaeological/anthropological/scientific community, as well as the Corps of Engineers. A full range of theoretical orientations and questions are possible to draw from, but they should be feasible and within the time, cost, and management range and needs of the Corps project. This section should include a justification for selection of the research goals.

The section should also include a concise review of any environmental or cultural resource information that has a bearing on the theoretical orientation chosen. This information might include period of occupation, cultural affiliation, relationship and significance of the project area to the concerned environmental and cultural regions, and deficiencies in the knowledge of the area.

2. Methodological Orientation: This section should include detailed methodological information on how the study will be conducted, and the methodological implementation of the research questions to be addressed in the study. This should minimally include field methods (sampling strategy, locations, acres/miles to be surveyed, survey intervals, testing techniques, recording techniques, collection techniques, mapping/location recording techniques, etc.), literature search and records review (how and where the work will be done, and what sources will be reviewed), and lab analysis methods (time, techniques, recording techniques, person-days/hours, goals, labeling procedures, curation arrangements, etc.).

3. Management Goals: This section should address how the study/report will serve the goals and needs of the Corps of Engineers. Information may include assessing potential site significance, assessing impacts of alternatives on the cultural resources, relating the theoretical/methodological orientation of the study to the management needs of this agency, and recommending a management approach if no cultural resources are previously recorded or are discovered during the study.

4. Contract Specifications: Information to be addressed should include: detailed specifications on how every aspect of the contract/study will be undertaken, which should include study and field preparations; equipment to be used/needed, time assigned to each task, person-days/hours allocated to each task, travel time/locations/distances, housing specifications, number of crew and their responsibilities/duties, various report formats and content goals (field, popular, draft/final reports); and contract specifications that do not fall into any specific category (meetings with the Corps of Engineers, information desired from the Corps of Engineers to implement the contract, certain legal aspects of the contract, drafting/typing needs, a timetable for the completion of the work including report submission, etc.). Some of this information may be incorporated into other sections of the proposal if appropriate.

At this stage of the project, the Corps of Engineers does not have a list of landowners available. These tasks should be discussed in the proposal, with consideration being given to time and cost estimates (not to be included in the RFTP). It will be necessary for the contractor to gather all landowner names and to receive all the necessary permits and landowner permission for the fieldwork.

It should be again reiterated that no prices or specific pricing information can be mentioned in any of the technical proposals; however, the contractor will have to develop a research design/technical proposal that addresses related contract specifications (e.g., person-days/hours, travel time, etc.) that are directly related to contract costs, but the actual budgetary costs will not be outlined in the technical proposals. Inclusion of this type of contract information is necessary so that the proposal can be completely evaluated in terms of the needs of the Corps of Engineers and, if the proposal is accepted, so that the exact contract specifications and costs can be bid upon. The submittal of pricing information in any proposal will automatically disqualify the proposal from further consideration.

## C. Contract Report Format, Content, and Specification.

### Reports Required

Three types of contract reports will be required for submission to complete the contract: (1) a brief field report, (2) a draft and final contract report, and (3) a popular report.

#### 1. Field Report

A brief field report to be submitted 30 days after completion of the field work will summarize the work, project/field limitations, methodology used, time utilized, and survey results.

#### 2. Draft and Final Contract Reports

Ten copies of the draft contract report will be submitted \_\_\_ days after contract award, and will be reviewed by the Corps of Engineers and the State Historic Preservation Officer, the State Archeologist, and Heritage Conservation and Recreation Service. One copy of the project field notes will be submitted at the time of the draft report. An original and 15 copies of the final contract report will be submitted 30 days after the Corps of Engineers comments on the draft report are received by the offeror. The final report will incorporate all the comments made on the draft report.

#### 3. Popular Report

A draft popular report will be submitted with the draft contract report, and will be reviewed by the Corps of Engineers. Twenty copies of the final popular report will be submitted with the final contract report. The popular report should be a condensed version of the contract report that would be of interest to the general public. The report should provide an overview of the archeology, protohistory, and history of the project area and region; a brief review of the work conducted in the area and the reasons (both archeological and managerial) why the work was conducted; and the results of the completed study. Exact site locations will not be reported in the popular report.

### Report Format Specifications

The draft and final contract reports will be submitted according to the following general content category outline. Some of the following categories do not need to be separate sections in the report. Sections discussing similar topics can be grouped together.

Title Page: The title page should provide the following information: the type of investigation undertaken; the cultural resources which were assessed (archaeological, historical, and architectural); the project name and location (county and State); the date of the report; the Contractor's name; the contract number; the name of the author(s) and/or Principal Investigator; the signature of the Principal Investigator; and the agency for which the report is being prepared.

Abstract: An abstract of findings, conclusions, and recommendations. This should not be an annotation.

Management Summary: A concise summary of the study, which will contain all essential data for using the document in the Corps of Engineers management of the project. This information will minimally include: why the work was undertaken and who the sponsor is, a brief summary of the scope of work and budget, summary of the study (field work; lab analysis; literature search and records review, including the National Register and dates checked), study limitations, study results, significance, recommendations and the repository of all pertinent records and artifacts.

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List of Figures

List of Plates

Introduction: Identify the sponsor (Corps of Engineers) and the sponsor's reason for the study; an overview of the sponsor's project and the alternatives with the alternatives located on USGS quad maps; provide an overview of the archeological/historical study to be undertaken; define the location and boundaries of the study area (with regional and area-specific maps); define the study area within its cultural, regional, and environmental context; reference the scope of work and budget (both of which should be in the appendix); identify the institution that did the work, the number of people involved in the study, the number of person-days/hours utilized during the study; identify the dates when the various types of work were completed; identify the repository of records and artifacts; and provide a brief overview or outline of how the study report will proceed, and an overview of the major goals that the study/study report will accomplish.

Previous Archeological and Historical Studies: This section should provide a summary and evaluation of previous archeological and historical studies of the region, including the date, extent, adequacy of the past work, and cultural/behavioral inferences derived from the research.

Environmental Background: Description of the study area and regional environment, including the following categories: geology, vegetation, fauna, climate, topography, physiography, and soils, with reference to prehistoric, historic, ethnographic, and contemporary periods. Any information available on the relationship of the environmental setting to the area's prehistory/history should be included. This section should be of a length commensurate with other report sections.

Regional Prehistory and History: Discussions should include regional cultural developments spatially and chronologically; environmental adaptations; subsistence, resource procurement, and settlement patterns; site/population density and size; and any other pertinent information on the prehistory, proto-history, and history of the study area and region.

Theoretical and Methodological Overview: This section should include a description or statement of the goals of the Corps of Engineers and the study researcher, the theoretical and methodological orientation of the study, and the research strategies that were applied in achieving the stated goals.

Literature Search and Records Review: This section should detail the methodology and sources used for the literature search and records review as well as a description and evaluation of all information and data recovered. For each reference discussed, the author, date and page numbers should be cited.

Field Methods: This section will describe specific archaeological activities that were undertaken to achieve the stated theoretical and methodological goals, which should include all field methods, techniques, and strategies; and a detailed, complete description of the research.

Analysis: This section will describe specific analytic methods and techniques; describe and discuss the qualitative and quantitative manipulation of the data and data classification if appropriate. It will also discuss limitations or problems with the analysis based on the data collection results.

Investigation Results: This section will describe the data recovered during the research, and any other data pertinent to a complete understanding of the resources within the study area. This section should include enough empirical data that the research results can be independently assessed. The description of the data should minimally include: a complete detailed description of the field work (survey conditions, topographic/physiographic features, vegetation conditions, soil types, stratigraphy, survey limitations, and survey testing results with shovel test profile forms to be included as an appendix). A description of the site, amounts and type of material remains recovered, relation of the site or sites to physiographic features, vegetation, and soil types, and project alternatives or impact areas, analysis of the data (culture historical aspects, cultural/behavioral inferences or patterns), and location and size information (elevation, quad map source; legal description; address if appropriate) should also be included. The information should be presented in a manner that can be used easily and efficiently by the Corps of Engineers.

This site information should be presented with each site being discussed on a separate page/pages with the site location indicated on a USGS map. If a site location has not been field-verified, indicate the approximate area on the map, and indicate that it has not been verified, or give an explanation why the site cannot be located on a map. An example of this site description format follows:

Site Number and Site Name

Complete Legal Description: Township, Range, Section, County or Address, if appropriate. Indicate if the site has been field-verified or not, when and by whom.

Complete USGS Quadrangle Reference: Quad name, Quad size, all Quad dates.

Report Figure/Map/Plate Reference

Accession Numbers

Site Type, Site Reports, Investigations of Dates

Cultural Affiliation (with dates or date estimates)

Environmental Description: Briefly, to include topography, physiography, soils, and vegetation.

Site Description

Present Site Condition: Disturbed, undisturbed, vegetation, soils, and surface material.

Site Significance: As reported by others or your own evaluation, including an evaluation of previous conclusions.

Project Impacts: Evaluate the direct and/or indirect impacts of the project upon the site.

Recommendations: Management recommendations, future archaeological/historic work recommendations.

Remarks: For comments with no other category.

Pertinent Bibliographic References

A paragraph before the site descriptions should indicate that, if no information is available for a specific category, this category will not be included in the listing.

The location of all sites and other features discussed in the text will be shown on a legibly photocopied USGS map and will be bound into the report. Maps shall also be included showing the relationship of sites to the project areas and which areas were surveyed. In addition, the project map will show those areas that have been eliminated from survey due to unacceptable survey conditions. Maps should also show the type of survey method employed for each area surveyed (for example, pedestrian walkover, shovel tests). All maps will be labeled with a caption/description, a north arrow, a scale bar, township, range, quad map size, and quad dates (on USGS maps only), and the map source (e.g., the USGS quad name or published source) and will have proper margins.

Evaluation of Research: This section should discuss the reliability of the data; relate results of the analysis to the stated study goals; identify changes, if any, in the research data goals; synthesize and compare the results of the analysis; integrate ancillary data; and identify and discuss cultural/behavioral patterns and processes that are inferred from the study results.

Evaluation of Cultural Resources: This section should discuss site location, density, size, condition and distribution; evaluate the significance of the cultural resources in relation to the regional archaeology and history; and, in relation to the project alternatives, identify and discuss the potential for future research.

Recommendations: This section should discuss the direct and indirect impacts of all the project alternatives on the area's cultural resources with specific management recommendations on all previously recorded and discovered sites; discuss the significance of all sites to the extent permitted by the study level in relation to the research goals established in the study and recommendations on the eligibility of the sites to the National Register of Historic Places; recommend future intensive level research priorities needs and make suggestions with regard to the Corps of Engineers planning goals and project alternatives.

References: Provide standard bibliographic references (American Antiquity format) for every publication cited in the report.

Appendix: This section should include the scope of work portion of the technical proposal; resumes of all personnel involved; all data-related correspondence derived from the study; all State site forms; all shovel test forms and any other pertinent report information referenced in the text as being included in the appendix.

#### Other Required Contract or Report Specifications

1. The contractor shall submit the photographic negatives to the Contracting Officer for all black and white photographs which appear in the final report.
2. Neither the contractor nor his representative shall release any sketch, photograph, report, or other material of any nature obtained or prepared under the contract without specific written approval of the Contracting Officer prior to the acceptance of the final report by the Government.
3. All text materials will be typed, single-spaced (the draft reports should be space-and-one-half or double-spaced), on good quality bond paper, 8.5 inches by 11.0 inches, with a 1.5-inch binding margin on the left, 1-inch margins on the top and right, and a 1.5-inch margin at the bottom, and will be printed on both sides of the paper.
4. Information will be presented in textual, tabular, and graphic forms, whichever are most appropriate, effective, or advantageous to communicate the necessary information.
5. All figures and maps must be clear, legible, self-explanatory, and of high enough quality to be readily reproducible by standard xerographic equipment, and will have margins as defined above in category 3.
6. The final report cover letter should include a budget of the project.
7. Cost estimates for future recommended work will be submitted as deliverables.

8. The draft and final reports will be divided into easily discernable chapters, with appropriate page separation and headings.

9. The contractor will utilize a systematic, interdisciplinary approach in conducting the study. During the course of the study, the contractor will provide specialized knowledge and skills to include expertise in archaeology and other social and natural sciences as required.

10. The extent and character of the work to be accomplished by the contractor will be subject to the general supervision, direction, control, and approval of the Contracting Officer.

11. Techniques and methodologies that the contractor uses during the investigation shall be representative of the current state of knowledge for their respective disciplines.

12. The contractor shall keep standard field and lab records which shall include, but not be limited to, field notebooks, site survey forms, field maps, photographs, and lab forms.

13. The tested areas will be returned as closely as practical to presurvey conditions by the contractor.

14. The contractor shall provide all expertise, materials, and equipment that may be necessary to expeditiously perform those services required of the study.

15. The recommended professional treatment of recovered materials is curation and storage of the artifacts at an institution that can properly insure their preservation and that will make them available for research and public view. If such materials are not in Federal ownership, the consent of the owner must be obtained, in accordance with applicable law, concerning the disposition of the materials after completion of the report. The contractor will be responsible for making curatorial arrangements for any collections which are obtained. Such arrangements must be coordinated with the appropriate officials of North Dakota and approved by the Contracting Officer.

### III. TECHNICAL PROPOSAL EVALUATION CRITERIA

All proposals will be evaluated, as follows, in descending order of importance:

#### 1. Experience and Expertise

Experience and expertise of the offeror in related areas of research and in the particular geographic area.

#### 2. Knowledge of Study Area

Familiarity with the prehistory, protohistory, history, environment, appropriate field methodology, appropriate literature and records review, and appropriate artifact analysis of the study area.

#### 3. Knowledge of Cultural Resource Management

Familiarity with the theoretical, methodological, and practical aspects of cultural resource management.



#### 4. Theoretical and Methodological Orientation of the Technical Proposal

Development of a research design that incorporates a problem-oriented theoretical and methodological orientation specifically relating to research questions of the study and regional area, or those which are applicable generally to the field of archaeology and history.

#### 5. Management Orientation of the Technical Proposal

Development of a technical proposal which will meet the needs of the Corps of Engineers in relation to their goals and project alternatives.

#### 6. Technical Proposal Development

Submission of a technical proposal which contains the information required in the RFTP. Development of a proposal that uses creative and technically sound approaches to accomplish research and management goals within the identified time and financial constraints.

#### 7. Scheduled Completion Timetable

The offeror will provide a timetable of the scheduled completion of field work and reports.

#### 8. Willingness of Offeror to Acquire All Necessary Personnel and Equipment

The offeror is willing to acquire all necessary personnel and equipment if they do not already have them (e.g., if a historian or archaeologist is needed for the study but the offeror does not have one on staff, the offeror will be willing to obtain such services). This includes personnel, expertise, equipment, etc.

### IV. TECHNICAL PROPOSAL FORMAT

In order to standardize the technical proposals and assist in their efficient review, a particular proposal format will be required. An index of the evaluation criteria and the proposal page numbers on which they will be addressed will also be required at the beginning of each technical proposal. Each technical proposal will be submitted in the following format:

#### A. Index

#### B. Qualifications:

The resumes of all personnel who will be involved with the contract will be submitted. Resumes of field crew members should also be included if they are presently on staff, or available. Each resume should include the categories of information listed below.

1. Experience
2. Expertise
3. Knowledge of Study Area
4. Knowledge of Cultural Resource Management

C. Research Design: Presentation of a research design following the format and contract criteria outlined in the RFTP.

D. Contract Specifications: Presentation of all required report and other contract information outlined in the RFTP, as well as any other contract specifications developed by the offeror, with consideration of applicable evaluation criteria.

### References

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- Corps of Engineers, St. Paul District. 1976. Pembina River, North Dakota, Feasibility Report for Flood Control and Related Purposes.
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- Good K., J. Dahlberg, and L. Sprunk. 1980. A Cultural Resource Assessment of the Pembilier Lake and Dam Flood Control Project (A Literature and Records Search). Historical and Archaeological Surveys, Inc., Grand Forks and Garrison.
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A TECHNICAL PROPOSAL

to

Department of the Army, St. Paul District, Corps of Engineers

by the

ARCHAEOLOGY LABORATORY  
UNIVERSITY OF SOUTH DAKOTA

for

HISTORIC AND PREHISTORIC CULTURAL RESOURCE INVESTIGATIONS

in the

PEMBINA RIVER PROJECT  
NORTH DAKOTA

by

Kenneth L. Brown  
Principal Investigator  
Archaeology Laboratory  
University of South Dakota

Project Director

Name Kenneth L. Brown  
Title Research Associate  
Dept. Affiliation Social Behavior  
Proposed Starting Date July 20, 1981  
Proposed Duration in Days 184 calender days  
Date Submitted April 27, 1981

ENDORSEMENTS

Project Director  
Name Kenneth L. Brown  
Signature Kenneth L. Brown  
Title Research Associate  
Telephone 605-677-5401  
Date 4/27/81  
Dean, College of Arts & Sciences  
Name \_\_\_\_\_  
Signature [Signature]  
Title \_\_\_\_\_  
Telephone \_\_\_\_\_  
Date 4-27-81

Departmental Chairman  
Name James Stewart  
Signature James R Stewart  
Title Acting Chairman  
Telephone 605-677-5401  
Date 4/27/81  
Institutional Administration  
Name \_\_\_\_\_  
Signature [Signature]  
Title \_\_\_\_\_  
Telephone \_\_\_\_\_  
Date 4/28/81

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A PROPOSAL FOR HISTORIC AND PREHISTORIC CULTURAL RESOURCE INVESTIGATIONS  
PEMBINA RIVER PROJECT, NORTH DAKOTA  
(July 20, 1981 to March 31, 1982)

- I. APPLICANT INSTITUTION:  
The University of South Dakota Archaeology Laboratory, Vermillion, South Dakota.
  - II. SUBMITTED TO:  
Department of the Army, St. Paul District, Corps of Engineers, St. Paul, Minnesota.
  - III. TECHNICAL PROPOSAL EVALUATION CRITERIA:
- |   | Pages          |
|---|----------------|
| 1. <u>Experience and Expertise</u><br>Experience and expertise of the offeror in related areas of research and in the particular geographic area.   | 2-43           |
| 2. <u>Knowledge of Study Area</u><br>Familiarity with the prehistory, protohistory, history, environment, appropriate field methodology, appropriate literature and records review, and appropriate artifact analysis of the study area.  | 45-50          |
| 3. <u>Knowledge of Cultural Resource Management</u><br>Familiarity with the theoretical methodological, and practical aspects of cultural resource management.  | 44-45          |
| 4. <u>Theoretical and Methodological Orientation of the Technical Proposal</u><br>Development of a research design that incorporates a problem-oriented theoretical and methodological orientation specifically relating to research questions of the study and regional area, or those which are applicable generally to the field of archaeology and history. | 49-50          |
| 5. <u>Management Orientation of the Technical Proposal</u><br>Development of a technical proposal which will meet the needs of the Corps of Engineers in relation to their goals and project alternatives.  | 54-55          |
| 6. <u>Technical Proposal Development</u><br>Submission of a technical proposal which contains the information required in the RFTP. Development of a proposal that uses creative and technically sound approaches to accomplish research and management goals within the identified time and financial constraints.   | 44-45<br>50-55 |
| 7. <u>Scheduled Completion Timetable</u><br>The offeror will provide a timetable of the scheduled completion of field work and reports.   | 55-56          |

8. Willingness of Offeror to Acquire All Necessary Personnel and Equipment 4-43  
56

The offeror is willing to acquire all necessary personnel and equipment if they do not already have them (e.g., if a historian or archaeologist is needed for the study but the offeror does not have one on staff, the offeror will be willing to obtain such services). This includes personnel, expertise, equipment, etc.

#### IV. ARCHAEOLOGY LABORATORY QUALIFICATIONS:

The following attachments are: (1) qualifications of the Archaeology Laboratory for performing cultural resource management projects; and (2) a complete bibliography of all cultural resource investigations performed by the Archaeology Laboratory.

##### Part 1:

##### History and Purpose

Chartered in 1977 as a non-profit university-related research institute, The University of South Dakota Archaeology Laboratory (USDAL) is one of the most active cultural resource management organizations in the Northern Plains. The major goals of the USDAL are to investigate and preserve the prehistoric and historic cultural resources of the region. To this end the USDAL has undertaken more than one hundred cultural resource surveys in South Dakota, North Dakota, Iowa, and Missouri (Contract Completion Studies listed in Part 2, see attachment).

##### USDAL Activities

Although the major focus of all USDAL activities may be found in the active investigation and preservation of Northern Plains cultural resources, the Laboratory is also involved in many other adjunct activities. Public education in the worth and value of America's cultural resources is an important concern for the staff; and the USDAL jointly operates an archaeological field school at Mitchell, South Dakota; and also edits South Dakota's archaeological publications (South Dakota Archaeology, and Occasional Publications). The Laboratory is also responsible for maintaining the computerized site inventory for the state (CRIDS: Cultural Resource Inventory Data System), in conjunction with the State Office of Historic Preservation.

##### Description of Facilities

USDAL facilities are located in East Hall of The University of South Dakota. East Hall is a stone building, and all laboratories are further protected from fire by a sprinkler system.

More than 3,000 square feet of space were specifically renovated and designed for archaeological laboratories in this building. Facilities include a complete drafting and cartography section; a darkroom and photography section; a computer and statistics section; as well as facilities for lithics, ceramics, soils, floral and faunal analyses.

Comparative collections of Northern Plains lithics and ceramics are available from USDAL's Permanent Curation Rooms (c. 1,000 square feet); as well as from the closely related W.H. Over Museum (Vermillion), and South Dakota Office of State Archaeologist (Ft. Meade).



The USDAL is particularly well experienced in the recovery, analysis, and curation of human remains. In combination with consultants from the USD Medical School, the USDAL is quickly becoming one of the nation's major centers for this kind of research. An extensive comparative faunal collection is currently being developed and the laboratory has been given State and Federal Scientific Collector's permits for acquisition and curation of all migratory fowl, raptors, and endangered species.

#### Equipment

The Archaeology Laboratory has equipment to supply three reconnaissance survey projects simultaneously, with at least 50 personnel in the field. Equipment includes: shovels, trowels, brushes, wheelbarrows, soil screens, cooking utensils, cameras, transits, compasses, mauls, hand augers, soil probes, and a gasoline powered post-hole auger.

#### Permanent Staff

The permanent staff of the USDAL includes the following:

Dr. Lawrence Bradley (Ph.D., University of Kansas); Director of Laboratory  
Dr. Larry Zimmerman (Ph.D., University of Kansas); Research Associate  
Dr. Dona Davis (Ph.D., University of North Carolina, Chapel Hill); Research Associate  
Mr. Kenneth Brown (ABD, University of Kansas); Research Associate, and Director of Contract Services  
Mr. Richard Whitten (ABD, University of Wisconsin); Research Associate  
Ms. Judith Apley (BA, University of South Dakota); Laboratory Supervisor  
Mr. Philip Lanum (BA, University of Wyoming); Computational Services  
Ms. Marianne Schuld (BFA, University of South Dakota); Illustrator  
Ms. Lucille Stewart (MS, Ft. Hays State University); Administrative Assistant  
Ms. Gail Erickson (MM, University of South Dakota); Staff Assistant  
Mr. Darrel Fulmer (MA, University of Iowa); Director of South Dakota Archaeological Field School, Mitchell, South Dakota

The USDAL also maintains a number of short term employees both as laboratory assistants and as field crew members. According to a resolution passed by the South Dakota Council of Professional Archaeologists, all archaeological field crew members must have either a season of experience at an archaeological field school or its equivalent. USDAL's guide in hiring personnel follows this resolution as well as all federal and state Equal Opportunity and Affirmative Action statutes.

#### Correspondence

All correspondence with the USDAL should be addressed to:  
Director  
The University of South Dakota Archaeology Laboratory  
East Hall  
University of South Dakota  
Vermillion, SD 57069

#### Telephone

In Vermillion the USDAL telephone number is (605) 677-5896 or -5401

### Staffing Plan

The University of South Dakota Archaeology Laboratory feels it has an excellent staff selected to conduct this project. All the personnel have extensive experience and specific expertise in all necessary research areas and topics.

Mr. Kenneth L. Brown will be Principal Investigator for the project. Mr. Brown, Ph.D. candidate, Museum of Anthropology, University of Kansas, is in charge of Contract Research at The University of South Dakota Archaeology Laboratory, and has experience in research design, administration, and performance of cultural resource management projects in all phases from reconnaissance through data recovery. Mr. Brown has specific expertise in lithic analysis, ceramic analysis, faunal identification, Great Plains historical archeology, prehistoric cultural ecology, statistics and mapping, and computer applications. Mr. Brown will have overall responsibility for the design and conduct of the project in both field and laboratory phases. He will coordinate the archeological field survey and the historical investigations of the project. He will meet with the appropriate U.S. Army Corps of Engineers personnel and North Dakota State Historical Preservation Office personnel prior to the field work to coordinate the research design with these governmental agencies. He will edit the final report and co-author the archeological field reconnaissance investigations.

The Co-principal investigator will be Mr. Richard G. Whitten, Ph.D. candidate, University of Wisconsin. Mr. Whitten has extensive experience in research design, administration, and performance of cultural resource management projects. He has expertise in Great Plains historic and prehistoric site archeology as well as in paleoclimatology, ceramic analysis, and prehistoric tropical agriculture. Mr. Whitten will provide invaluable aid in the areas of design and management and will direct the archeological field survey and reconnaissance.

The Archaeologist Field and Laboratory Assistant will be Mrs. Marie E. Brown, M.A. candidate, Museum of Anthropology, University of Kansas. Mrs. Brown, who has extensive supervisory experience in the excavation of Northwest and Great Plains prehistoric sites, will provide supervision of the archeological field crew under the direction of Mr. Whitten. She has expertise in Great Plains prehistory, faunal identification and analysis, prehistoric cultural ecology and subsistence patterns. This experience and expertise will provide an invaluable asset to the project.

The Historian will be Mrs. Karen P. Zimmerman, who has extensive experience in the use of library and museum archival collections. She has participated in several literature and historical records searches for cultural resource management projects. Her educational background in English, Library Science, and History will provide an invaluable asset to the development of a regional historical perspective of the project area.

Additional archeological field assistants have not yet been selected. A number of applicants are being considered to fill these two positions.

The Scientific Illustrator will be Ms. Marianne R. Schuld. She has extensive experience in technical illustration of artifacts and cartography for professional archeological reports and journals. Her artistic experience will provide a valuable asset to the production of the report for the project.

The Administrative Assistant I will be Mrs. Lucille C. Stewart. She has extensive bookkeeping and administrative experience for cultural resource management

projects. Her educational and teaching experience in English, in addition to her education in anthropology, will be invaluable in the editing of the final report for the project.

The Staff Assistant will be Ms. Gail A. Erickson. She has experience in the use of data processing equipment. She is knowledgeable in the use of word processors, which will be used in the typing of the report for the project.

Consultants during the project will include Dr. Larry J. Zimmerman, Director of the Anthropology Program at The University of South Dakota, and Dr. Lawrence Bradley, Director of the Archaeology Laboratory at The University of South Dakota. Both Dr. Zimmerman and Dr. Bradley have extensive experience in managing cultural resource projects. They have expertise in Great Plains archeology and computer applications to archeological research. Their consultations will be invaluable during the project.

The following attachments are personnel vitae.

Part 2

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- Emerson, T. E.  
1978 Cultural Resource Reconnaissance at Spring Creek;  
Missouri River Mile 1088.35, Hughes County,  
South Dakota.
- Emerson, T. E. and J. A. Emerson  
1978 A Cultural Resources Survey of the Proposed  
Fort Randall Microwave Tower Site Near Pickstown,  
Charles Mix County, South Dakota.

- Zimmerman, L. J., Rory Moe, and Renee Boen  
1978 A Cultural Resource Survey of the Three Proposed  
Building Sites in Fort Thompson, South Dakota.
- Emerson, J. A. and T. E. Emerson  
1978 A Cultural Resources Survey of Two Building Sites  
Near Greenwood, Charles Mix County, South Dakota.
- Zimmerman, L. J.  
1978 A Cultural Resources Reconnaissance of the Proposed  
Big Sioux Recreation Area, Minnehaha County,  
South Dakota.
- Zimmerman, L. J. and L. E. Bradley  
1978 Cultural Resources Reconnaissance Along the Lewis  
and Clark Road Project, Yankton County, South  
Dakota.
- Emerson, J. A. and L. J. Zimmerman  
1978 A Cultural Resources Reconnaissance of the Pelican  
Lake Recreation Area, Codington County, South  
Dakota.
- Zimmerman, L. J.  
1978 A Cultural Resource Reconnaissance of Federal  
Lands on the Left Bank of Fort Randall/Lake Francis  
Case, South Dakota.
- Emerson, J. A. and T. E. Emerson  
1978 A Cultural Resources Survey of the Proposed  
J. E. Rasmussen Substation Near Junction City,  
Union County, South Dakota.
- Zimmerman, L. J.  
1978 A Cultural Resources Reconnaissance of the Proposed  
Developments in Hacklebarney Woods, Montgomery  
County, Iowa.
- Lass, Barbara  
1978 A Cultural Resources Survey of Proposed Sewage  
Lagoons, Freeman, Hutchinson County, South Dakota.
- Lass, Barbara  
1978 A Cultural Resources Survey of Proposed Sewage  
Lagoons, Garretson, Minnehaha County, South Dakota.
- Emerson, J. A. and T. E. Emerson  
1978 A Cultural Resources Survey of the Proposed Medary  
Substation Site and Associated Transmission Line  
Route Near the City of Brookings, Brookings County,  
South Dakota.

- Emerson, T. E.  
1978 A Cultural Resources Survey of the Proposed Arlington  
115/69 KV Substation and Associated Transmission  
Lines.
- Emerson, T. E.  
1978 A Cultural Resources Survey of the Proposed Zell  
Microwave Tower Site in Spink County, South Dakota.
- Emerson, T. E.  
1978 A Cultural Resources Survey and Testing of the  
Proposed Orient Microwave Sites in Hand and  
Faulk Counties, South Dakota.
- Hanenberger, N. H.  
1978 A Phase II Evaluation of the 39SP16 Site.
- Buechler, J. V., Dayton Bard, and Roger Williams  
1978 A Cultural Resources Survey of the Proposed  
Strip Mining Activities of the McConville Coal  
Co., Marion County, Iowa.
- Emerson, J. A. and T. E. Emerson  
1978 A Cultural Resources Survey of the Proposed Split  
Rock to Harrisburg Transmission Tie Line in  
Minnehaha and Lincoln Counties, South Dakota.
- Buechler, J. V.  
1979 A Cultural Resources Survey of the Proposed  
Expansion and Improvement of the Municipal Airport  
at Springfield, Bon Homme County, South Dakota.
- Buechler, J. V.  
1979 A Cultural Resources Survey of the Proposed  
Bridge Construction Over the White River, Tripp  
and Lyman Counties, South Dakota.
- Buechler, J. V.  
1979 An Archeological Survey of the Proposed Industrial  
Park for the City of Remsen, Plymouth County, Iowa.
- Buechler, J. V.  
1979 A Cultural Resources Survey of the Proposed  
Expansion and Improvement of the Spencer  
Municipal Airport, Clay County, Iowa.
- Buechler, J. V.  
1979 A Cultural Resources Survey of Proposed Wastewater  
Treatment Facilities for Atlantic, Cass County,  
Iowa.
- Buechler, J. V.  
1979 A Cultural Resources Survey of the Proposed  
Bridge Construction Over the Big Sioux River,  
Union County, South Dakota.

- Buechler, J. V.  
1979 A Cultural Resources Survey of the Proposed Bridge Over the Big Sioux River, Hamlin County, South Dakota.
- Buechler, J. V.  
1979 A Cultural Resources Survey of the Proposed EROI Sphere, Sioux Falls, Minnehaha County, South Dakota.
- Lanum, Philip  
1979 Field Survey of Cultural Resources for Phase III, Kingbrook Rural Water System.
- Westover, A. R.  
1979 A Cultural Resources Survey of the Proposed South Lincoln Rural Water System, Lincoln, Turner and Union Counties, South Dakota.
- Apley, Judith, and Roger Williams  
1979 A Cultural Resources Survey of the Proposed East River Electric Power Cooperative, Inc. Substations in Brown and Codington Counties, South Dakota.
- Apley, Judith  
1979 A Cultural Resources Survey of the Proposed Burkmere Substation and Associated 41,6000 Volt Transmission Line Route in Faulk County, South Dakota.
- Bradley, L. E.  
1977 A Proposed Program With the Kansas City District Corps of Engineers to Conduct an Archeological Survey and Testing in Rathbun Reservoir, South Central Iowa.
- Zimmerman, L. J.  
1977 Field Examination of Human Skeletal Remains Discovered at the Sioux City, Iowa, Sanitary Landfill.
- Lanum, Philip  
1979 Field Examination of Human Skeletal Remains Discovered in Kennebec Township, Monona County, Iowa.
- Zimmerman, L. J.  
1975 Preliminary Archeological Reconnaissance of the Black Hills Scouting Center at Medicine Mountain Ranch, Pennington County, South Dakota.
- Zimmerman, L. J.  
1979 A Proposed Program Between the U.S. EPA and the University of South Dakota to Conduct National Register Testing of a Construction Site on Oakwood Lake, Brookings County, South Dakota.

- Zimmerman, L. J.  
1977 A Records Search Conducted by University of South  
Dakota Archeology Laboratory Personnel for the  
Minnehaha County Rural Water.
- Lanum, Philip  
1980 A Cultural Resources Survey of the Proposed  
Wastewater Projects in Brandon, Canton, and  
Scotland, South Dakota.
- Swegle, Mark and Julie Wilt  
1980 A Cultural Resources Survey of the Proposed  
East River Electric Power Cooperative Substation  
and Power Line Near Plano, South Dakota.
- Zimmerman, L.J. editor  
1981 The Crow Creek Site (39BF11) Massacre: A Preliminary  
Report. Report submitted to the Omaha District,  
U.S. Army Corps of Engineers.

Vita

Kenneth L. Brown

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HOME ADDRESS

221 N. Pine, Vermillion, South Dakota, 57069. Phone: 605-624-6416.

EDUCATION

- 1980 M.Phil. Anthropology, University of Kansas.
- 1977 M.A. Anthropology, University of Kansas.
- 1974 B.A. Anthropology (with honors) and Sociology, University of Kansas.
- 1972 A.A. Kansas City Metropolitan Junior College.
- 1970 Liberty High School, Liberty, Missouri.

ARCHAEOLOGICAL FIELD EXPERIENCE

- 1980 Archaeological Field Mapper, Luther College, (October), the mapping of the Blood Run site, Northwestern Iowa.
- 1980 Archaeological Field Supervisor, University of South Dakota, (June-August), the survey and testing of prehistoric sites in Brushy Creek State Park, Iowa.
- 1979 Archaeological Field Assistant, University of Kansas, (July-August), in the El Dorado Lake Project, Southeastern Kansas. Testing and excavating historic sites.
- 1978 Archaeological Field Supervisor, University of Kansas, (June-August), in Kansas City, Missouri. Excavating Late Archaic and Late Woodland sites along the Little Blue River.
- 1977 Archaeological Field Supervisor, University of Kansas, (June-August), in Kansas City, Missouri. Excavating Early Woodland and Late Woodland sites along the Little Blue River.
- 1976 Archaeological Survey Supervisor, University of Kansas, (June-August), in Kansas City, Missouri. Testing Late Archaic to Mississippian sites along the Little Blue River.
- 1975 Archaeological Survey Supervisor, University of Kansas, (June-August), in the Cimarron National Grassland, Southwestern Kansas.
- 1975 Archaeological Survey Assistant, University of Kansas, (April-May), Little Blue River, Kansas City, Missouri.
- 1975 Archaeological Surveyor, University of Kansas (January), Cimarron National Grassland, Southwestern Kansas.

- 1974 Archaeological Survey Assistant, University of Kansas (August), in Anderson and Linn Counties, Southeastern Kansas.
- 1974 Archaeological Field Laboratory Assistant, University of Kansas, (June-August), Coffey Site, Manhattan, Kansas. A Middle Plains Archaic and Late Archaic hunting and gathering camp.
- 1973 Excavator, Kansas Archaeological Field School (June-August), in Kansas City, Missouri. A Kansas City Hopewell village and Steed-Kisker burial mound.

#### ORGANIZATIONS

Society for American Archaeology  
Plains Conference  
South Dakota Archaeological Society

Graduate Student President, Graduate Student Colloquium in Anthropology, University of Kansas, September 1976 - September 1977. September 1978 - September 1979.

Graduate Student Vice-President, Graduate Student Colloquium in Anthropology, University of Kansas, January 1976 - September 1976.

Graduate Student Representative, Graduate Student Colloquium in Anthropology, University of Kansas, September 1974 - September 1977.

#### PAPER PRESENTATIONS

- 1975 33rd Plains Conference, Lincoln, Nebraska, "An Archaeological Survey of the Cimarron National Grassland, Southwestern Kansas.
- 1977 35th Plains Conference, Lincoln, Nebraska, "Late Prehistoric Settlement Patterns in Southwestern Kansas".
- 1978 36th Plains Conference, Denver, Colorado, "Archaeological Excavations at the Seven Acres Site, 23JA115, Jackson County, Missouri".
- 1979 37th Plains Conference, Kansas City, Missouri, "A New Archaeological Complex in the Kansas City Locality: The Maybrook Phase".

#### PUBLICATIONS (articles)

- 1976 A Search for Patterns in the Horizontal and Vertical Distribution of Artifacts in the Kansas City Hopewell Component at the Young Site, (23PL4). Ed. by A.E. Johnson, University of Kansas Publications in Anthropology, No. 8, Lawrence.
- 1977 (with Mary Adair). Prehistoric Cultural Resources in Kansas: Some Problem Areas. Kansas Anthropological Association Newsletter, Vol. 22, No. 9.
- 1979 Late Prehistoric Settlement Patterns in Southwestern Kansas, Plains Anthropologist, Vol. 24, No. 85, pp. 191-206.
- in (with Robert Ziegler) Nebo Hill Settlement Patterns in North-western Missouri. Missouri Archaeologist.

CONTRACT ARCHAEOLOGY PUBLICATIONS

- 1974 (with David Evans and Marc Rucker). An Appraisal of the Archaeological Resources of the Big Sugar Creek Watershed, Anderson and Linn Counties, Kansas. Report submitted to the National Park Service.
- 1975 An Appraisal of Archaeological Resources Along the Right-of-Way of a Proposed Road North of the Cimarron River in the Eighty-One Pasture of the Cimarron National Grassland District of the San Isabel National Forest. Report submitted to the U.S. Department of Agriculture, Forest Service.
- 1976 Prehistoric Cultural Resources of the Cimarron National Grassland, Morton and Stevens Counties, Kansas. Report submitted to the U.S. Department of Agriculture, Forest Service.
- 1976 (with Mark Baumler). Little Blue River Channel-Modification Project, Archaeological Research Design. Report submitted to the U.S. Army Corps of Engineers, Kansas City District.
- 1977 (with Byron Dixon, Rebecca Filer, Dankers Lauderdale, Patricia Miller, Curtis Sorenson, and Robert Ziegler). Historic and Prehistoric Cultural Resources in the Longview and Blue Springs Lakes, Jackson County, Missouri. Report submitted to the U.S. Army Corps of Engineers, Kansas City District.
- 1978 Evaluations and Recommendations for the Historical, Architectural and Paleontological Resources at Blue Springs and Longview Lakes, Jackson County, Missouri. (Supplement to the volume: Historic and Prehistoric Cultural Resources of the Blue Springs and Longview Lakes, Jackson County, Missouri). Report submitted to the U.S. Army Corps of Engineers, Kansas City District.
- 1979 (with Byron Dixon and Susan Richards). Historic and Prehistoric Cultural Resources Along the Proposed Channel of West Fire Prairie Creek, Jackson County, Missouri. Report submitted to the U.S. Army Corps of Engineers, Kansas City District.
- 1981 (with Robert Ziegler, assemblers). Prehistoric Cultural Resources Within the Right-of-Way of the Proposed Little Blue River Channel, Jackson County, Missouri. Report submitted to the U.S. Army Corps of Engineers, Kansas City District.
- 1982 (in preparation). Testing Four Historic Sites in the El Dorado Lake Project. Report to be submitted to the U.S. Army Corps of Engineers, Tulsa District.



#### TEACHING EXPERIENCE

- 1980 Spring, Assistant Instructor, University of Kansas, North American Archaeology, Anthropology 504.
- 1979 Fall, Assistant Instructor, University of Kansas, Introduction to Physical Anthropology, Anthropology 304.
- 1979 Spring, Instructor (with Robert Ziegler). An Invitation to Great Plains Archaeology. A six week adult education class sponsored by Museums Associates, Museum of Natural History, University of Kansas.
- 1978 Fall, Instructor (with Robert Ziegler). An Invitation to Great Plains Archaeology. A six week adult education class sponsored by Museums Associates, Museum of Natural History, University of Kansas.

#### PROFESSIONAL INTERESTS AND EXPERTISE

North American Indians, Archaeology of the Plains and Eastern United States, Settlement Patterns, Cultural Ecology, Lithic Technology, Lithic Use-Wear Analysis, Ceramic Analysis.

THE UNIVERSITY OF SOUTH DAKOTA  
FACULTY CURRICULUM VITAE

RICHARD GAMMON WHITTEN

MAILING ADDRESS:

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University of South Dakota  
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PHONE:

(605) 677-5401

DEGREES:

INSTITUTIONS	DATE ATTENDED	DEGREE (MAJOR)	DATE CONFERRED
University of Wisconsin Madison, WI	1973 - 1977	M.A. IN ANTHROPOLOGY Minor: Geography	1977
University of Penn- sylvania, Philadelphia, PA	1969 - 1972	A.B in Anthropology Cum Laude	1972

EDUCATION IN PROGRESS:

University of Wisconsin 1977 - present Doctoral Candidate  
Dissertation Title: "Relict Field Archaeology in Samborondon, Ecuador."

TEACHING EXPERIENCE:

INSTITUTION	DATE	RANK	DEPARTMENT
University of South Dakota	1978 - present	Instructor	Anthropology Program

Courses Taught: North American Native Cultures; Anthropology & Art;  
Physical Anthropology; Sociocultural Theory; Human  
Sexuality; Mesoamerican Archaeology

University of Wisconsin	1973 - 1978	Teaching Fellow	Anthropology
----------------------------	-------------	--------------------	--------------

Courses Taught: Cultural Anthropology; Physical Geography; South  
American Prehistory

OTHER PROFESSIONAL EXPERIENCE:

Archaeological Fieldwork - 1971 thru present:

Locations: Pennsylvania, New Jersey, England, Peru, Wisconsin, South  
Dakota, Ecuador, Pakistan.

Types of Sites: Historic; Prehistoric; Roman Period; Paleoclimatology;  
Cocle Ceramics; Middle Missouri; Prehistoric Tropical  
Agriculture; Paleolithic Archaeology

Position: Laborer, Field Assistant, Field Director, Project Director

#### ACADEMIC AND PROFESSIONAL HONORS:

Alpha Kappa Delta - National Sociology Honor Society  
Lambda Alpha - National Anthropology Honor Society

#### PUBLICATIONS:

- 1978 "Comments on the Theory of Holocene Refugia in the Culture History of Amazonia." AMERICAN ANTIQUITY 44(2):238-251.
- 1980 "Archaeology in South Dakota." NORTHERN PLAINS SCIENCE/MATHEMATICS EDUCATION RESOURCE CENTER NEWSLETTER NO. 6:1-2.
- "The Plight of Anthropology in the Small College." USD ETC 1(1):2-3.

#### JOINT PUBLICATIONS:

- With L.J. Zimmerman
- 1980 "Mass Grave at Crow Creek in South Dakota Reveals How Indians Massacred Indians in 14th Century Attack." SMITHSONIAN MAGAZINE 11(6):100-109.

#### IN PROGRESS:

"First Poets, First Poetry." An Anthology of Verse from the World's Hunting and Gathering Peoples. MS solicited for review by The University of Wisconsin Press, and The University of Pittsburgh. Prospectus available upon request.

"Directions for Miss Deloria." Submitted for publication to PLAINS ANTHROPOLOGIST.

"The Raised Fields of Samborombon." Submitted for publication to ARCHAEOLOGY.

#### PAPERS:

- 1980 Food and Nutrition in the Developing World. Symposium Chairman, 1980 Third World Conference. Omaha, Nebraska.
- 1977 Biogeographic and Climatic Aspects of Amazonian Prehistory. Great Lakes Divisional Meeting of the American Association of Geographers. Valparaiso, Indiana.

#### RESEARCH/GRANTS/AWARDS

- 1980 PUBLIC EDUCATION IN ARCHAEOLOGY, Outreach Program funded by South Dakota State Historic Preservation Center.
- 1979 OAKWOOD LAKES ARCHAEOLOGICAL TESTING PROGRAM: Co-Principal Investigator. Environmental Protection Agency.
- 1978 SAMBOROMBON SURVEY OF PREHISTORIC RAISED FIELD AGRICULTURE, GUAYAS BASIN, ECUADOR: NSF Doctoral Dissertation Improvement Grant

1977 PALEOLITHIC CULTURES OF THE SOAN VALLEY: American Institute of Pakistan Studies, Fellowship. Research terminated November, 1979 due to political situation in Pakistan.

#### MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Anthropological Association  
American Geographical Society (Fellow)  
Council on South Dakota Archaeology  
Society for American Archaeology  
South Dakota Archaeological Society

#### UNIVERSITY/COMMUNITY/STATE ACTIVITIES:

- 1978 - present Curriculum Development: Anthropology Program - USD
- 1978 - 1980 Public Lecturer on South Dakota Prehistory - "Humanists in the High School" program: South Dakota Council on the Humanities
- 1979 - present Research Associate, USD Archaeology Laboratory
- 1979 - present Faculty Advisor, USD Undergraduate Anthropology Club and Lambda Alpha Representative
- 1979 - present Director: Division of Public Education and Special Collections, USD Archaeology Laboratory
- 1980 - present Board of Governors, South Dakota Archaeological Society
- 1980 - present USD University Senate: Social Science Representative  
1980 - 1982
- 1980 - present USD University Senate: Nominations Committee
- 1980 - present South Dakota State Cultural Preservation Review Board  
1980 - 1982

#### REFERENCES:

Dr. Harlowe Hattle, Chair  
Department of Social Behavior  
University of South Dakota  
Vermillion, South Dakota 57069

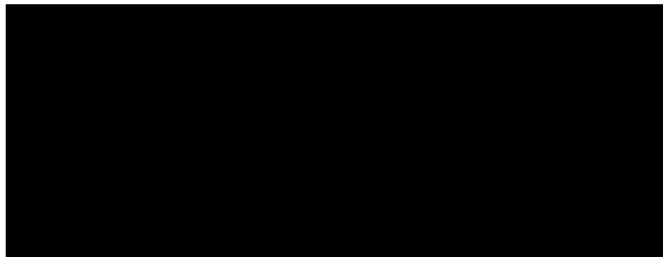
Dr. Larry Zimmerman, Director  
Anthropology Program  
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Dr. Joseph Casn, Dean  
College of Arts & Sciences  
University of South Dakota  
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EDUCATION

- 1981 M.A., Anthropology, University of Kansas (proposed completion date).
- 1972 B.A., Anthropology, Marquette University.
- 1968 Our Lady of Mercy High School, Milwaukee, Wisconsin

ARCHAEOLOGICAL FIELD EXPERIENCE

- 1980 Archaeological Field Mapper, Luther College, The mapping of the Blood Run Site, Northwestern Iowa.
- 1980 Archaeological Field Supervisor, University of South Dakota, Surveying and testing of prehistoric sites in Brushy Creek State Park, Iowa.
- 1979 Archaeological Field Assistant, El Dorado Lake, Kansas. Excavated a Woodland site.
- 1979 Excavator, Little Blue River Project, Kansas City, Missouri. Tested an Early Woodland site.
- 1978 Archaeological Field Assistant, El Dorado Lake, Kansas. Excavated a Woodland site.
- 1975 Archaeological Field Foreman, Chief Joseph Reservoir Archaeological Research Project, Washington. Tested prehistoric sites.
- 1974 Assistant Field Foreman, Alpowa Project, Washington. Excavated a prehistoric site assigned to the Harder Phase.
- 1973 Archaeological excavator, Alpowa Project, Washington. Excavated a prehistoric site assigned to the Harder Phase.
- 1972 Excavator, Washington State University Field School, Alpowa Project, Washington. Excavated a site assigned to the Harder Phase.
- 1971 Excavator, Sacramento State College Field School, Samwell Cave, California. Excavated a Paleo-Indian site.

#### ARCHAEOLOGICAL LABORATORY EXPERIENCE

- 1980- Research Associate, Cataloging artifacts from the Northern
- 1981 Border Pipeline Project, South Dakota.
- 1979- Research Assistant, Analysis of cultural material from 14BU57,
- 1980 El Dorado Lake, Kansas.
- 1978- Research Assistant, Analysis of lithics, ceramics and faunal
- 1979 remains from 14BU55, El Dorado Lake, Kansas.
- 1977 Laboratory Assistant, cataloging artifacts from the El Dorado Lake Project, Kansas.
- 1975 Laboratory Assistant, cleaning and cataloging artifacts from the Chief Joseph Reservoir Research Project, Washington.
- 1975 Laboratory Assistant, preliminary analysis of utilized flakes from the Alpowa Project, Washington.

#### RESEARCH INTERESTS AND EXPERTISE

Great Plains Prehistory, Plateau Prehistory, Faunal Analysis, Cultural Ecology and Subsistence Patterns.

#### PROFESSIONAL SOCIETIES

Society for American Archaeology  
Plains Conference  
South Dakota Archaeological Society

#### PAPER PRESENTATIONS

- 1979 First Flint Hills/Osage Hills Conference, Norman, Oklahoma.  
"Plains Village Manifestations in the El Dorado Reservoir, Kansas".

#### PUBLICATIONS (articles)

- 1979 An Analysis of the Smoky Hill Subsistence Pattern. In Kansas Working Papers in Anthropology, Vol. 4, University of Kansas, Lawrence.

#### CONTRACT ARCHAEOLOGY PUBLICATIONS

- 1981 (in preparation with M.J. Adair) Late Woodland Occupation at 14BU55. In Phase II Investigations of Prehistoric and Historic Cultural Resources in El Dorado Lake, Kansas. Ed. by M.J. Adair, Report submitted to the U.S. Army Corps of Engineers, Tulsa District.
- 1982 (in preparation) 14BU57. In Phase III Investigations of Prehistoric and Historic Cultural Resources in El Dorado Lake, Kansas. Report to be submitted to the U.S. Army Corps of Engineers, Tulsa District.

## RESUME

Karen Pike Zimmerman

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### EDUCATION

Red Oak Community High School, Red Oak, Iowa 1963  
University of Iowa, B.A. English 1967  
University of Iowa, M.A. Library Science 1969  
University of South Dakota, M.A. History 1977

### PROFESSIONAL LIBRARY/MUSEUM EXPERIENCE

Cataloging Librarian, University of Iowa Libraries, 1969-71. Duties: Original cataloging and L.C. classification of monographs in social sciences, humanities and science. Cataloging microfilm and government documents (L.C. Classification)

Cataloging Librarian, University of Kansas Libraries, 1971-72. Duties: Original cataloging and L.C. classification of monographs in social sciences and humanities. Developed and implemented system for cataloging KU theses and dissertations. Supervised main entry listing of uncataloged materials in storage.

Associate Curator, Kansas Collection, University of Kansas Libraries, 1972-74. (Promoted to Associate in 1973; granted tenure 1974). Duties: Coordinated cataloging activities of the department, arranged and cataloged manuscripts collections, supervised photograph conservation laboratory, assisted Curator in negotiation and acquisition of new collections, provided reference assistance to researchers, served as department head in absence of the Curator, displayed materials from the Collection in exhibits.

Museum Curator II-Registrar, W.H. Over Museum, Vermillion, S.D., 1978-81. Duties: Developed and implemented computerized inventory of collections, compiled data from old records and established new files, accessioned and cataloged objects, monitored storage conditions and recommended improvements, kept records of objects on exhibit and on loan, supervised work study and volunteers.

### TEACHING EXPERIENCE

Introduction to Bibliography and Library Methods, 1-hour course, Fall semester, 1972, University of Kansas.

Lectures on library materials and research methods to courses in history, sociology, anthropology and women's studies. University of Kansas, 1972-74, University of South Dakota, 1976-77.

Public lectures on genealogy, preservation of photographs and family records to Friends of the W.H. Over Museum, Alumni Association Reunion (USD), Clay County Historical Society, East River Electric Co-op Wives, 1980.

Lectures on Museum Registration Methods to anthropology class Museum Techniques, 6 semesters, University of South Dakota.

### PUBLICATIONS

"The Recovery of the Past: Photographic Restoration", in Books and Libraries at the University of Kansas, 13:3, Lawrence, Kansas, Spring, 1976.

"Spring Hunt, 7,000 B.C." in Prairie Sportsman, 1:15, April 1977.

"Corn in Plains Culture History", in South Dakota Archaeology, 1:1, 1977.

- "The Edited Letters of John Vansickle, 1858-1863", M.A. Thesis, unpublished, University of South Dakota Department of History, 1977.
- "A Literature Search and Cultural Resources on the Iowa Side of the Missouri River" with Larry J. Zimmerman and Karen Leichtnam. A Report prepared for the U.S. Army Corps of Engineers, Omaha District, May 1978.
- "Phase I Cultural Resources Literature Search and Inventory for MANDAN Project in South Dakota" with Larry J. Zimmerman and Richmond Clow. A Report prepared for Midwest Environmental Services, Grand Forks, N.D., 1979.

#### PAPERS PRESENTED

- "The Kansas Border Wars in the Letters of John Vansickle, 1858-1861", delivered at the Missouri Valley History Conference, March 12, 1977.

#### EXHIBITS

- "Kansas Plains" with accompanying brochure, main gallery of Spencer Research Library, University of Kansas, Dec. 1973-June 1974.
- "William Inge: Kansas Playwright", main gallery of Spencer Research Library, University of Kansas, July-Sept. 1974.
- "Banking in Early Kansas", Kansas Collection gallery, Spencer Research Library, University of Kansas, Sept.-Dec. 1973.

#### MEMBERSHIPS

- Western History Association  
 Mountain-Plains Museum Association  
 Association of South Dakota Museums (Elected to Board 1980)  
 Midwest Archives Conference  
 Friends of the W.H. Over Museum (Treasurer 1977-78)  
 American Association of University Women (President Vermillion branch 1979-81)

#### REFERENCES

Dr. Herbert T. Hoover  
 Dept. of History  
 East Hall  
 University of South Dakota  
 Vermillion, SD 57069

Julia Vodicka, Director  
 W.H. Over Museum  
 University of South Dakota  
 Vermillion, SD 57069

Dr. Gerald Wolff  
 Dept. of History  
 East Hall  
 University of South Dakota  
 Vermillion, SD 57069

June Sampson, Director  
 Western Heritage Center  
 29th and Montana Ave  
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Resume  
Marianne R. Schuld

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Education:

B.F.A. in Art, University of South Dakota, August, 1980

Professional Experience:

Technical Illustration for publication purposes - 1980-present  
Northern Border Pipeline Survey - lithic diagrams  
Rathbun Lake site - lithic diagrams  
Springfield to Pickstown Survey - ceramic diagrams  
Oakwood Lakes site - ceramic diagrams

Graphic Projects

Archaeology Laboratory - logo  
Equador project - site map  
Northern Border Pipeline Survey - site maps  
Educational Slides for Secondary level  
Project reports - cover designs  
Schematic diagrams for electronic circuitry  
Wall painting - reproduction of cave painting from France

Work Experience:

Archaeology Laboratory, University of South Dakota, Vermillion, SD  
Technical Illustration  
Broadcaster Press, Vermillion, South Dakota  
Advertising layout, Comp-4 type-setting, Process Camera work  
Vermillion Area Arts Council, Vermillion, SD  
Small woodworking demonstration  
Art. Department, University of South Dakota, Vermillion, SD  
Slide Librarian, Gallery Assistant, Workshop Assistant for Printmaking.  
Workshops by Ed Shaw, Rudy Pizzoti, Sid Chavez Mejeski, Lloyd Manard.  
Blacksmithing Workshop by Joe DeLaRonde  
Private Commissions in Woodworking

Art Courses:

Painting (18hrs)	Aesthetics (6hrs)
Drawing (15hrs)	Photography (3hrs)
Art History (12hrs)	Graphics (3 hrs)
Sculpture (9hrs)	Lithography (3hrs)
Design (6hrs)	Ceramics (3hrs)

Exhibitions:

Student Award Show, June-August, 1980, University of South Dakota Art Gallery  
Senior Exhibition, December, 1979-January, 1980, University of South Dakota Art  
Gallery  
Women Artists Today Show, September, 1978-August, 1979, five state touring ex-  
hibition

University Activities:

President, University of South Dakota Student Art Association  
Student Representative, Faculty Selection Committee, University of South Dakota

Honors and Awards:

Best Senior Painting Award, University of South Dakota Art Department  
"First Mom" collage selected from among nearly 200 submitted works for  
five state Women Artists Today touring exhibition, September, 1979-August,  
1980  
Art Editor, High School Yearbook, North Shore High School, Glen Head, NY  
Art Editor, Annual English Dept. Publication, North Shore High School, Glen Head,  
NY

References:

John Day, Dean  
School of Fine Arts  
University of South Dakota  
Vermillion, SD 57069

Larry J. Zimmerman, Ph.D.  
Anthropology Program  
Dept. of Social Behavior  
University of South Dakota  
Vermillion, SD 57069

Larry E. Bradley, Ph.D.  
Archaeology Laboratory  
Dept. of Social Behavior  
University of South Dakota  
Vermillion, SD 57069

William Willwroth  
Broadcaster Press  
Vermillion, SD 57069

Marty Wanserski, Professor  
School of Fine Arts  
University of South Dakota  
Vermillion, SD 57069

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Vita  
Lucille C. Stewart

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#### Office Administration

Administrative Assistant, University of South Dakota, 1981-present.  
Edit manuscripts and scientific reports. Supervise and coordinate administrative functions. Supervise clerical personnel and laboratory supervisor. Initiate activities associated with administration of grants and contracts. Maintain personal contact with other offices.

Administrative Aide, University of South Dakota, 1980-1981.  
Supervise and coordinate administrative functions. Supervise clerical personnel and laboratory supervisor. Initiate activities and administrative forms associated with administration of grants and contracts. Maintain personal contact with other offices.

#### Teaching Experience

Nemaha, Richardson & Johnson Counties, 1979; substitute teacher  
Hays Junior High School, 1973-1974; teacher, English & American History  
Hays Junior & Senior High School, 1971-1973; substitute teacher  
Ft. Hays State University, 1970; part-time instructor, Sociology  
United States Armed Forces Institute, 1964-65; teacher, high school & college levels; varied subjects

#### Education

Post Master's credit  
University of South Dakota, 1980-1981  
3 credit hours, Computer Science  
Peru State College, 1975-1978  
7 credit hours, Business & P.E.  
Ft. Hays State University 1973-1974  
9 credit hours, American History  
& Education

Master of Science Degree  
Ft. Hays State University, 1970  
Major: Sociology

Bachelor of Arts Degree  
University of California, Berkeley,  
1962, Major: Anthropology

#### Academic Honors and Awards

Phi Kappa Phi, national scholastic honor society, elected member, 1970  
Ft. Hays State University 1969-1970 Assistantship in Sociology  
Ft. Hays State University 1967-1968 Fellowship in Sociology

#### Professional and Scholarly Associations

Phi Kappa Phi, national scholastic honor society, 1970-present  
American Association of University Women, 1965-present  
Secretary, Peru Branch, 1976-1978 Treasurer, Hays Branch, 1972-1974  
South Dakota Archaeological Society, 1980-present

### Civic Associations

#### Episcopal Church

Licensed Layreader, 1971-present  
Librarian, 1980-present  
Teacher, 1975-1977, 1966-1972

Vestry member, 1975-1977  
Altar Guild, 1966-1974, 1979-present  
Directoress, 1980-present

#### Faculty Women and Wives' Club

University of South Dakota, 1979-present  
Peru State College, 1974-1979; Board Member, 1977-1979, President, 1976-1977  
Ft. Hays State University, 1966-1974; Secretary, 1971-1972

#### United Ministries in Higher Education

University of South Dakota, Board member, 1980-present

#### Friends of W.H. Over Museum, Vermillion, 1980-present

#### Hospital Auxiliary

Dakota Hospital, Vermillion, SD, 1980-present  
Nemaha County Hospital, Auburn, Ne, 1976-1979; Secretary, 1978-1979  
Volunteer, 1976-1978  
Hadley Regional Medical Center, Hays, Ks, 1970-1974; Volunteer Chaplain's Assistant, 1970-1974

#### Auburn Junior Woman's Club, a federated club, 1976-1979

President, 1978-1979; Vice President, 1977-1978

#### Festival of a Thousand Oaks, symphonic music festival, 1977-1979

Charter Board Member; Finance Chairman, Auburn, Ne, 1978

#### Boy Scouts of America

Cub Scout Pack Awards Chairman, Auburn, Ne, 1978-1979  
Cub Scout Den Mother, Auburn, Ne, 1977-1978

#### 4-H Clubs of America

Club Leader, Peru, Ne, 1974-1975  
Project Leader, Hays, Ks, 1968-1974

#### Girl Scouts of America

Assistant Girl Scout Leader, Hays, Ks, 1971-1974  
Brownie Leader, Manhattan, Ks, 1970-1971

#### 24th Division Artillery Officers' Wives' Club, Munich and Augsburg, Germany, 1962-1965

### Personal Background Statement

Born in 1940...Raised in Turlock, California...Married in 1961...Lived in Germany from 1962-1965 while husband was officer in United States Army...Daughter born 1963, son born in 1968...Husband has Ph.D. and is university vice president.

### References and Credentials

Current references will be furnished on request...Career references and teaching credentials are on file and may be requested from Office of Educational Career Services, University of California, Berkeley, California 94720

Vita  
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University of South Dakota  
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Business Experience:

Data Processing Assistant: January, 1981-present. University of South Dakota. Computer processing of numerical artifact attributes, archaeological sites and locational variables. Data entry. Compose programs. Assist in preliminary analysis of output. Word processing.

Staff Assistant II: October, 1980-January, 1981. University of South Dakota. Type manuscripts, quarterly and final grant reports, letters and memos. Record and maintain all contract accounts. Prepare and process billings, vouchers and other forms as required.

Library Clerk: March, 1980-August, 1980. Children's Mercy Hospital, Kansas City, Mo. Manage interlibrary loan dept., typing, general clerical duties.

Recording Dept. head/  
Recordings clerk: June, 1979-December, 1979. St. Paul Title Insurance Corp., Minneapolis, Mn. Supervision of two employees. Use of IBM terminal (CRT), typing, proofread legal documents.

Degrees:

Institution	Date Attended	Degree	Date Conferred
University of South Dakota	1974-78	B.F.A. in music (piano performance)	1978
University of South Dakota	1978-79	M.M. in music (piano performance)	1979

Additional Higher Education and/or Experience:

University of Missouri-Kansas City, 1980. Candidate for D.M.A. in piano performance. 12 credit hours earned.

Academic Honors and Awards:

University of South Dakota, 1978-79. Teaching Assistantship in piano.

Mu Phi Epsilon, national music fraternity, 1975-1977.

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Barry J. Zimmerman

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DEGREES:

INSTITUTIONS	DATE ATTENDED	DEGREE (MAJOR)	DATE CONFERRED
University of Iowa, Iowa City, Iowa	1965 - 1969	B.A. with Honors In Anthropology	1969
University of Iowa Iowa City, Iowa	1969 - 1971	M.A. In Anthropology	1971
University of Kansas Lawrence, Kansas	1971 - 1973	M.PHIL. In Anthropology	1973
University of Kansas Lawrence, Kansas	1973 - 1976	PH.D. In Anthropology	1976

ADDITIONAL HIGHER EDUCATION AND/OR EDUCATION IN PROGRESS:

ESF CHATAUQUA	1978	Ethnographic Films
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TEACHING EXPERIENCE:

INSTITUTION	DATE	RANK	DEPARTMENT
University of South Dakota	1978-Present (Tenured 1980)	Director & Assoc. Prof.	Social Behavior Anthropology Program
University of South Dakota	1974-78	Assistant Professor	Social Behavior
University of South Dakota	1977-79	Director	Archaeology Lab Social Behavior
Universities of Iowa & Kansas	1969-74	Graduate teaching and Research Assistantships	

Other Professional Experience:

Ethnographic fieldwork - Mexico, 1969. Ceramics Market Systems.

Archaeological fieldwork - 1967 thru present;

Locations: Iowa, Missouri, North Dakota, Nebraska, South Dakota,  
Mexico.

Types of Sites: Woodland/Archaic Rock Shelter and campsites;  
Mill Creek, Central Plains, Great Oasis villages;  
Classic Teotihuacan; Aztec; Conquest Period  
Ranchos; historic forts, cabins & houses.

Position: Laborer, Field Assistant, Project Director.

## Academic and Professional Honors:

Lambda Alpha (1980 Anthropology Honorary)  
Sigma Xi (1969 Scientific Honorary)  
Alpha Kappa Delta (1975 Sociology Honorary)  
Nominated for Outstanding Teacher, University of South Dakota (1977)  
Outstanding Teacher, University of South Dakota (1980)

## Publications/Research/Creative Works:

### Books/Edited Volumes:

1977 Prehistoric Locational Behavior: A Computer Simulation.  
REPORT 10 OF THE OFFICE OF THE STATE ARCHAEOLOGIST OF IOWA.  
University of Iowa Press, Iowa City.

1981 (In Press) The Woodland Tradition in Iowa. JOURNAL OF  
THE IOWA ARCHAEOLOGIST SOCIETY.

### Articles:

1968 A Preliminary Report on Excavations at Skadeland Site.  
Northwest Chapter of the Iowa Archaeological Society  
NEWSLETTER. August, 1968.

1971 The Skadeland Mill Creek Culture Site. In McKusick, Ed.  
PREHISTORIC INVESTIGATIONS, Report 3 of the Office of the  
State Archaeologist of Iowa. pp. 114-124.

1975 Statement on test excavations, The Emineja Site 39MH28.  
THE SOUTH DAKOTA ARCHAEOLOGIST, Vol. 5 (4):2-20.

1975 Arikara Culture History, THE SOUTH DAKOTA ARCHAEOLOGIST  
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1976 With Adrian D. Anderson. Settlement/Subsistence Vari-  
ability in the Glenwood Locality, Southwestern Iowa. PLAINS  
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in the Upper Mississippi Valley. THE KANSAS WORKING PAPERS  
IN ANTHROPOLOGY AND LINGUISTICS. 1976, pp. 115-128. Lawrence,  
Kansas.

1976 With Daniel Moore. A Simulation of Prehistoric  
Locational Behavior. MODELLING AND SIMULATION, Vol. 7,  
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Changing Perspectives. PROCEEDINGS OF THE IOWA ACADEMY OF  
SCIENCE, Vol. 83 (4):121-124.

1977 The Glenwood Local Sequence: A Re-Evaluation. JOURNAL  
OF IOWA ARCHAEOLOGICAL SOCIETY, Vol. 24, pp. 62-83.



1977 South Dakota Archaeology: Some Goals. SOUTH DAKOTA ARCHAEOLOGY, Vol. 1, pp. 52-54.

1977 With A.K. Fisher, D. Hirt, and J.A. Tiffany. Report of Examination of Human Remains from Six Counties in Iowa. RESEARCH PAPERS, Vol. 2, No. 7, pp. 1-26 (esp. pages 1-3). Office of the State Archaeologist of Iowa.

1978 Simulating Locational Behavior. In, I.A. Hodder, ed., SIMULATION STUDIES IN ARCHAEOLOGY. Cambridge University Press pp. 27-37.

1979 SOUTH DAKOTA ARCHAEOLOGY. INSTITUTE OF INDIAN STUDIES BULLETIN NEWS REPORT 81, page 2. University of South Dakota, Vermillion.

1979 Indians, Archaeologists, and Bones: Spiritual and Ethical Considerations for the Crow Creek Dig. RELATIONSHIPS OF THE PEOPLE TO THE LAND: PROCEEDINGS OF THE SPRING CONFERENCE. Institute of Indian Studies, Vermillion. pp. 32-43.

1980 (In Press) The Crow Creek Massacre. In: THE NATURAL HERITAGE OF SOUTH DAKOTA, edited by David Holden. South Dakota State University Press: Brookings.

1980 With Richard G. Whitten. Mass Grave at Crow Creek in South Dakota Reveals How Indians Massacred Indians in 14th Century Attack. SMITHSONIAN 11(2):100-109.

#### Reviews:

1977 The Early American (Film). NEWSLETTER OF THE SOUTH DAKOTA ARCHAEOLOGICAL SOCIETY, 7 (2):5.

1977 THE EMERGENCE OF MAN and THE EMERGENCE OF SOCIETY by John Preiffer. NEWSLETTER OF THE SOUTH DAKOTA ARCHAEOLOGICAL SOCIETY, 7 (3):13-14.

1978 The Woodland Cultures of Northeastern Iowa by W.D. Logan. JOURNAL OF THE IOWA ARCHAEOLOGICAL SOCIETY, 25:121-122

1980 (In Press) THE CENTRAL PLAINS TRADITION: INTERNAL DEVELOPMENTS AND EXTERNAL RELATIONSHIPS edited by Donald Blakeslee. JOURNAL OF THE IOWA ARCHAEOLOGICAL SOCIETY.

1980 (In Press) THE NEBRASKA PHASE: A REAPPRAISAL by Donald Blakeslee and W. Caldwell. PLAINS ANTHROPOLOGIST.

#### Reports:

1973 Archeological Survey of the Lower Mud Creek Basin, Part 2, Douglas and Jefferson Counties, Kansas. Mimeograph. University of Kansas Museum of Anthropology, Lawrence, Kansas

1975 Preliminary Archaeological Reconnaissance of the Black Hills Scouting Center at Medicine Mountain Ranch, Pennington County, South Dakota. South Dakota Archaeological Research Center, Ft. Meade, South Dakota.

1976 A Cultural Resources Survey of Proposed Electrical Cable Routes in Minnehaha, Brookings, Lake and Moody Counties South Dakota. Sioux Valley Empire Electric Association, Inc. Colman, South Dakota.

1976 A Cultural Resource Survey of the Proposed Lagoon Site for the Sanitary Facilities for Aberdeen, Redfield, Cresbard, and Miller, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 2. Vermillion, South Dakota.

1976 A Cultural Resources Survey of the Proposed Hornick, Iowa Wastewater Treatment Improvement Facilities. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 3. Vermillion, South Dakota.

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1976 A Cultural Resources Survey of the Proposed Salix, Iowa, Wastewater Treatment Facilities. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 5. Vermillion, South Dakota.

1976 A Cultural Resources Survey of the Proposed Water Pollution Control Facility Site for Sibley, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 6. Vermillion, South Dakota.

1976 A Cultural Resources Survey of the Proposed Lagoon Site of the Sanitary Sewerage System of Soldier, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 7. Vermillion, South Dakota.

1976 With L. Adrien Hannus. Cultural Resources Reconnaissance of a Proposed Pumpback Hydro-Power Storage Site Located in Gregory, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 8. Vermillion, South Dakota.

1976 With Jeff Buechler. Cultural Resources Surveys of Proposed Alterations or New Sites for Wastewater Treatment Facilities in Seven Northwestern Iowa Cities. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 9. Vermillion, SD.

1976 A Cultural Resources Survey of Sites for Proposed Alterations in the Wastewater Treatment Facilities for Beresford, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 11. Vermillion, South Dakota.

1976 A Cultural Resources Survey of the Proposed Site for the Moorhead, Iowa, Sanitary Sewer System. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 13. Vermillion, SD.

1976 With Lynn M. Alex. A Cultural Resources Survey of Reach 1 of the Highmore Canal, Sully and Hyde Counties, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 14. Vermillion, South Dakota.

1976 With Jeff Buechler. A Cultural Resources Reconnaissance of the Vermillion River Chute Area, South Dakota, and the Brooky Bottom Road Area, Nebraska. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 16. Vermillion, South Dakota.

1977 A Cultural resources Survey of the Proposed Sites for the Wastewater Treatment Facility, Persia, Iowa. USD Archaeology Laboratory, CONTRACT COMPLETION STUDIES, 21. Vermillion South Dakota.

1977 With Patricia Burns. A Cultural Resources Reconnaissance of Five Missouri River Bank Sites Near Vermillion, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 27. Vermillion, South Dakota.

1977 With Jeff Buechler. A Cultural Resources Survey of Developments in Hillview Park, Plymouth County, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 30. Vermillion, South Dakota.

1977 With J.V. Buechler and Steve Symes. A Cultural Resources Reconnaissance of Eight Proposed Bank Stabilization Sites in Central North Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 32. Vermillion, South Dakota.

1977 A Cultural Resources Survey of the Proposed Hillcrest Homes Subdivision in Atlantic, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 33. Vermillion, SD.

1977 A Cultural Resources Survey of the Proposed Site for the Irwin, Iowa Waste Stabilization Lagoon. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 34. Vermillion, SD.

1977 A Cultural Resources Survey of an HUD Housing Project Site in Cherokee, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 35. Vermillion, South Dakota.

1977 An Inventory of Archaeological Sites in the Vicinity of the Big Sioux River for Twelve South Dakota Counties. Augustana Research Institute, Augustana College, Sioux Falls, South Dakota.

1977 Field Examination of Human Skeletal Remains Discovered at the Sioux City, Iowa, Sanitary Landfill. Office of the State Archaeologist of Iowa, Iowa City.

1977 A Cultural Resources Survey of the Proposed Construction Areas Within the Oneota Little Sioux Access, Clay County, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 38. Vermillion, South Dakota.

1977 With James Tudehope and Ned Hanenberger. A Cultural Resources Survey Along Proposed Electrical Cable Routes in Minnehaha, Moody, Brookings, and Lake Counties, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 40. Vermillion, South Dakota.

1977 A Cultural Resources Survey of Proposed Developments in the Silver Sioux Recreation Area, Cherokee County, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 42. Vermillion, South Dakota.

1978 A Cultural Resources Survey of Proposed Construction Sites at Six U.S. Fish and Wildlife Service Refuges in South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 56. Vermillion, South Dakota.

1978 With K.P. Zimmerman and K. Leightnam. Literature Search and Records Inventory for Cultural Resources along the East Side of the Missouri River, miles 498.03 - 732.31. Corps of Engineers, Omaha District.

1978 A Cultural Resources Reconnaissance of the Proposed Big Sioux Recreation Area, Minnehaha County, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 75. Vermillion, South Dakota.

1978 With L.E. Bradley. Cultural Resources Reconnaissance along the Lewis and Clark Road Project, Yankton County, South Dakota. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 81. Vermillion, South Dakota.

1978 A Cultural Resources Reconnaissance of the Proposed Developments in Hackletarney Woods, Montgomery County, Iowa. USD Archaeology Laboratory CONTRACT COMPLETION STUDIES, 82. Vermillion, South Dakota.

1978 With L.E. Bradley. Test Excavations at the Gavin's Point Site, 39YK203, South Dakota. Corps of Engineers, Omaha District.

1979 With Gary Olson. A Cultural Resources Reconnaissance of the East Shore of Lake Francis Case, South Dakota. Corps of Engineers, Omaha District.

1979 The Archaeology and Osteology of the Crow Creek Massacre Site - 39DF11, Buffalo County, South Dakota. Corps of Engineers, Omaha District.

1979 With K.C. Reid. Preliminary Survey and Research Design for Prehistoric Sites along the Nodaway River, Missouri. Missouri Department of Natural Resources.

1979 With R. Clow and K.P. Zimmerman. Phase I Cultural Resources Literature Search and Inventory for MANDAN Project in South Dakota. Midwest Environmental Services.

#### PAPEPS PRESENTED:

1971 Implications of the Glenwood Local Sequence for Ceramic Typology. Iowa Academy of Science.

1972 With R. Clark Mallam and Paul Brockington. Toward a Method for the Analysis of Lithic Materials. Kansas Anthropological Meetings.

1973 With Daniel Moore. Simulation of Settlement/Subsistence Systems; A Preliminary SIMSCRIPT Model for the Glenwood Locality, Southwest Iowa. Plains Conference.

1975 Simulation of Nebraska Phase Settlement Systems in the Glenwood Locality, Mills County, Iowa. Iowa Academy of Science.

1975 Simulation of Nebraska Phase Settlement Systems in the Glenwood Locality, Southwest Iowa. Plains Conference.

1975 with Nancy Kadous. Explorations at the Emineji Site, 39MD028. Plains Conference.

1976 With Daniel Moore. Simulation of Prehistoric Locational Behavior. Pittsburgh Conference on Modeling and Simulation.

1976 Archaeological Research in the Glenwood Locality: Changing Perspectives. Iowa Academy of Science.

1976 With L. Adrien Hannus. Excavations at the Heath Site, 39LN015. Joint Plains - Midwest Anthropological Conference.

1977 Organized and Chaired Session. The Woodland Tradition in Iowa. Iowa Academy of Science.

1977 Organized and Chaired Session. South Dakota Archaeology. Plains Conference.

1978 Organized and Chaired Session. The Future of South Dakota's Past. Plains Conference.

1978 Some Perspectives on the Woodland Tradition in South Dakota. Plains Conference.

1979 With L.E. Bradley, Organized Session. The Application of Micro-Computers in Archaeology. Plains Conference.

1979 Macro-simulation on Micro-Computers. Plains Conference.

1980 With S. Archer and L. Tieszen. Ecological Characterization as a Foundation for Prediction of Plains Village Tradition Site Locations in Central South Dakota. Society for American Archaeology, Annual Meeting.

1980 With J.B. Gregg and P.S. Gregg. The Future of Paleopathology in the Upper Missouri River Basin. American Association of Physical Anthropologists, Annual Meeting.

1980 With J.B. Gregg and P.S. Gregg. Osteopathology in the Crow Creek Massacre Victims. American Association of Physical Anthropologists, Annual Meeting.

1980 With J.B. Gregg and P.S. Gregg. Para-mortem Osteopathology in the Crow Creek Massacre Victims. Paleopathology Association, Annual Meeting.

1980 With J.B. Gregg and P.S. Gregg. Ancient Congenital Anomalies from the Dakotas. Paleopathology Association, Annual Meeting.

1980 With J.B. Gregg and P.S. Gregg. Osteopathology in the Crow Creek Massacre Victims. 3rd European Conference of the Paleopathology Association. Caen, France.

1980 Some Cautions About The Use of Geographical Models in Archaeological Research. Conference on Current Directions in Midwestern Archaeology. Mankato, MN.

1980 (Accepted for Presentation) Trends and Possibilities for Computer Simulation in Plains Archaeological Research. Plains Conference.

#### MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Anthropological Association  
American Association for the Advancement of Science  
American Ethnological Society  
Association of Iowa Archaeologists  
Central States Anthropological Society  
Council of South Dakota Archaeologists  
Current Anthropology  
Iowa Academy of Science, Anthropology Section  
Iowa Archaeological Society  
Plains Conference  
Society for American Archaeology  
South Dakota Archaeological Society  
South Dakota Academy of Science

#### REFERENCES:

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DEGREES:

INSTITUTION	DATE ATTENDED	DEGREE (MAJOR)	DATE CONFERRED
University of Kansas, Lawrence	1966 - 1971	B.A. In Anthropology	1971
University of Kansas, Lawrence	1972 - 1974	M.A. In Anthropology	1974
University of Kansas, Lawrence	1974 - 1975	M.Phil. In Anthropology	1975
University of Kansas, Lawrence	1977 - 1979	Ph.D. In Anthropology	1979

ADDITIONAL HIGHER EDUCATION AND/OR EDUCATION IN PROGRESS

Washington State University 1974

TEACHING EXPERIENCE:

INSTITUTION	DATE	RANK	DEPARTMENT
University of South Dakota	1978 - present	Assistant Professor	Social Behavior Anthropology Program
University of South Dakota	1980	Assistant Professor	Math Department Computer Sci. Prog.
University of Kansas	1976-1977	Teaching Assistant	Anthropology
University of Kansas	1975	Assistant Instructor	Anthropology

OTHER PROFESSIONAL EXPERIENCE:

Archaeological Museum and Fieldwork: 1965 thru present

Locations: Kansas, Iowa, Missouri, South Dakota, Nebraska,  
Yugoslavia, Austria

Types of Sites: Woodland, Archaic open sites; Central Plains Village; Hopewellian campsites; Historic Dugouts; Mousterian and Upper Paleolithic open sites.

Positions: Project Director, Project Archaeologist, Field Assistant

MSF Review Panel: Reviewer, Undergraduate Research Project and Student Originated Studies Proposals. Denver, Colorado, October 7-11, 1980.

#### PUBLICATIONS/RESEARCH/CREATIVE WORKS:

##### Articles:

1980 (in press) Debitage Variability in the Early Upper Paleolithic of Southern Central Europe. JOURNAL OF FIELD ARCHAEOLOGY.

1979 With David W. Frayer. A Late Woodland Burial from Platte County, Missouri. PLAINS ANTHROPOLOGIST, Vol. 23 (83): 21-27.

1972 With A.E. Johnson and D.D. Yapple. Systematic Change and Lithic Debris: The Nine-Mile Creek Survey. PLAINS ANTHROPOLOGIST, Vol. 57 (3): 308-15.

##### Reports:

1980 Rathoun Reservoir Shoreline Survey and Site Testing. Corps of Engineers, Kansas City District.

1978 With L.J. Zimmerman. Test Excavations at the Gavin's Point Site, 39YK203, South Dakota. Corps of Engineers, Omaha District.

1974 Archaeological Investigations in the Fort Scott Reservoir Area, Southeastern Kansas. National Park Service, Interagency Archaeological Services, Denver.

1969 Archaeological Investigations in the Fort Scott Reservoir Area, Bourbon County, Kansas. National Park Service, Interagency Archaeological Services, Denver.

1968 Archaeological Investigations in the Melvern Reservoir Area, Osage County, Kansas. Interagency Archaeological Services, Denver.

##### Thesis/Dissertation:

1979 The Early Upper Paleolithic of South Central Europe: A Technological Study. Ph.D. Dissertation, Department of Anthropology, University of Kansas, Lawrence.

1971 Subsistence Strategy at a Late Archaic Occupation in South Central Kansas. M.A. Thesis, Department of Anthropology University of Kansas, Lawrence.



#### Papers Presented:

- 1980 Historic Site Archaeology in South Dakota.  
Plains Conference.
- 1979 Co-Organizer and Chair of Session: Micro-Computers in  
Anthropological Research. Plains Conference.
- 1979 Micro-Computers vs Remote Access to Large Systems:  
Complementary Roles in Numerical Analyses of Archaeological  
Data. Plains Conference.
- 1978 Development of the Cultural Resources Interactive Data  
System in South Dakota: A Progress Report. Plains Conference.
- 1977 Debitage Variability in the Early Upper Paleolithic of  
Southern Central Europe. Society for American Archaeology,  
New Orleans, LA.
- 1972 Excavations at a Late Archaic Site in South Central  
Kansas. Plains Conference.
- 1969 Salvage Excavations in the Fort Scott Reservoir Area.  
Plains Conference.
- 1967 Salvage Investigations in the Melvern Reservoir Area.  
Plains Conference.

#### MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Anthropological Association  
Council of South Dakota Archaeologists  
Iowa Academy of Science - Anthropology Section  
Plains Anthropological Association

#### UNIVERSITY/COMMUNITY/STATE ACTIVITIES:

- Member, Department of Social Behavior Library Committee, 1978
- Member, Department of Social Behavior Curriculum and  
Instruction Committee, 1979
- Advisor, National Science Foundation Student Originated  
Study, Department of Social Behavior 1980
- Editor, South Dakota Archaeology, JOURNAL & NEWSLETTER  
1980

## V. RESEARCH DESIGN:

### Theoretical Orientation

The areas of proposed undertaking are within Pembina and Cavalier Counties, North Dakota. The five structural alternative plans to alleviate the flood control problems along the Pembina River are within the Drift Prairie, Pembina Delta, and Red River Valley. The project area is within the bottom-land hardwood forest, upland mixed hardwood forest, upland oak savanna woodland, and tall-grass prairie ecosystems. Elevations range between approximately 1100 and 800 feet above mean sea level.

The objectives of the project are to identify, record, research, and provide a preliminary evaluation of historic and prehistoric cultural resources that may be affected by the five structural alternative plans to alleviate flood control problems along the Pembina River. The following outline of USDAL's research objectives and goals focuses on identifying, recording, and evaluating historic and prehistoric cultural resources which may be found within the areas of proposed undertakings.

The objectives are fourfold:

1. to conduct a reconnaissance level field survey, based on a statistically valid sample of portions of Alternatives 4 and 5 in the boundary floodway;
2. to conduct additional reconnaissance level field work in the Pembina River Valley with possible relocation and surface collecting of previously recorded sites;
3. to conduct a records review for Pembina County;
4. to conduct a literature search and field reconnaissance of Hyde Park Cemetery, the Gingras House and Trading Post, the Mayo Brick Plant and the community named Brickmine (Good et al. 1980:47), and the hamlet known as Valmont, located in the Pembina River Valley near the Canadian border (Good et al. 1980:46).

The goals are twofold:

1. Culture History--to affirm the cultural identification of sites found and to refine their chronological and cultural assignment by means of the recovery and analysis of culturally and/or temporally diagnostic evidence.
2. Cultural Ecology and Process--to record site locations and their floral and faunal context in order to determine the local resources which were available to the sites' occupants and to establish criteria for assessing the scientific and historical value of each site within its environmental and historical context.

### Problem Statement

Proposed flood control structures on the Pembina River in northeastern North Dakota will or may adversely effect historic and prehistoric cultural resources within 3045 hectares (7520 acres). There are five structural alternative plans being evaluated to alleviate the flood control problems along the Pembina River.

1. Alternative 1: The Pembilier Dam and reservoir alternative would be located about two miles upstream from Walhalla. The reservoir would provide for flood control, water supply, and recreation. The permanent conservation pool would extend upstream about 15.3 kilometers (9.5 miles), at an elevation of 1010 feet

above mean sea level, and the flood pool would extend upstream approximately 34 kilometers (21 miles), at an elevation of 1080 feet above mean sea level (SOW).

2. Alternative 2: The Pembilier dry dam alternative would be located at the same physical site as Alternative 1. There would be no permanent conservation pool, and water would be stored only as needed to prevent or minimize downstream flooding during high flows. The flood pool elevation is the same as in Alternative 1 (SOW).

3. Alternative 3: The Pembilier Dam with marsh alternative resembles Alternative 1, but the permanent conservation pool would be reduced in size to provide water depths suitable for development of a marsh. The flood pool elevation is the same as in Alternative 1 (SOW).

4. Alternative 4: The boundary floodway alternative, located about three miles downstream from Walhalla, would consist of a small diversion dam, with flood flows diverted into a floodway. The floodway would proceed north to the international boundary and then directly east for a distance of about 48 kilometers (30 miles) to the junction with the Red River of the North just downstream from Pembina (SOW).

5. Alternative 5: This boundary floodway alternative would be located just upstream from Neche, and would have a similar design as Alternative 4. The floodway would proceed north from the diversion structure to the international boundary and then directly east for a distance of about 22 miles to the junction with the Red River of the North just downstream from Pembina. This floodway would be used in conjunction with a reduced size Pembilier Dam as in Alternative 1. The permanent conservation pool elevation will probably remain the same, and the flood pool elevation may drop to 1070 feet above mean sea level (SOW).

A proposal to review existing sources of information on the cultural resources of the project area, to conduct a field survey of the areas of proposed undertaking, to prepare an inventory of located sites, to analyze the results of the investigations, and to prepare a cultural resource survey report and management plan has been requested. The research design and supporting data outlined here are a response to that request.

#### Culture History

Archeological investigations in the northeastern corner of North Dakota have been small in number and poorly reported (Good et al. 1980:24). Because of the absence of more specific prehistoric data from Pembina and Cavalier Counties, North Dakota, a more regional perspective of the Plains Indian cultural region, defined by Wedel (1961) as the Northeastern Periphery Region, will be presented to give the reader an overview of what types of archeological manifestations are present in northeastern North Dakota.

Culturally, the Northeastern Plains were occupied by band-level hunters and gatherers who shifted residence in response to available food resources. Areas of greater topographic relief would have been the most favorable for human occupation. Tool assemblages oftentimes lack temporally diagnostic tools. Projectile points and pottery (pottery occurs very late, temporally) provide the most information for assigning temporal placement of site occupation.

Research in the Northeastern Plains indicates the earliest occupants of the area had small hunting and gathering groups whose sites are characterized by

tools indicating specialized activities of short duration and low visibility. Little research has been devoted toward understanding these small sites. As Frison states:

We as Plains archaeologists have not paid enough attention to sites of low visibility. Until some methodology is developed so that we can detect their presence and understand their purposes, there is little chance of significant breakthroughs in studies of cultural systematics ... (Frison 1978:20).

Investigative goals, under this contract, are to help elucidate the culture history and cultural ecology and progress for the lower Pembina River valley.

Archeological investigations in eastern Manitoba and western Minnesota, compared to the small amount of work performed in northeastern North Dakota, provide a better understanding of potential prehistoric human manifestations along the lower Pembina River valley. The following is a brief summary of cultural complexes which may be found within the project area.

#### The Paleo-Indian Period (5000 B.C. and Earlier)

The Paleo-Indian period in the northern plains and northeastern periphery is characterized by three complexes. The earliest is the Clovis Complex. The Clovis Complex (10,000 B.C. to at least 9,000 B.C.) is not well represented in the northeastern periphery. This is based on the temporally diagnostic Clovis projectile point and its association with now extinct Pleistocene megafauna. To date, there have not been any systematically investigated Clovis sites within the Pembina River valley. However, the Pembina River valley and its immediate environs may have supported a mammoth herd during the terminal Pleistocene.

The second Paleo-Indian complex which is represented in the Pembina River valley is the Folsom Complex (9000 B.C. to 8000 B.C.). This is based on the temporally diagnostic Folsom and possibly Midland projectile points and their association with now extinct forms of bison. Folsom points have been found near the Manitoba communities of Treherne and Boissenan, 60 miles north and 110 miles northwest of the study area, respectively (Good et al. 1980:25).

The third Paleo-Indian complex which is represented in the Pembina River valley is the Plano Complex (8000 B.C. to 5000 B.C.). This is based on the temporally diagnostic Alberta, Hell Gap, Agate Basin, Scottsbluff, and Angostura projectile points and their association with the presently existing form of bison (Bison bison). Alberta projectile points have been found near the Manitoba towns of Manitou and Ninette, approximately 40 kilometers (25 miles) north and 121 kilometers (75 miles) northwest of the study area, respectively. A Hell Gap projectile point was found approximately 75 kilometers (45 miles) northwest of the study area. All of the above late Paleo-Indian find areas are located on or near the Pembina River (Good et al. 1980:25). In addition to the above sites, site DhLb-1, located in northwestern Minnesota, contains a late Paleo-Indian component which has been radiocarbon dated to 8000 to 7500 B.C. (Saylor 1975:241-251). Given the widespread occurrence of these Paleo-Indian complexes, it can be expected that investigations in the study area will yield remains of these early human occupations.

#### The Plains Archaic Period (5000 B.C. to 500 B.C.)

During the end of the late Paleo-Indian period a great variety of projectile point styles appear. The most fully reported of the Archaic complexes is the

McKean-Duncan-Hanna Complex (3000 B.C. to 600 B.C.). There is a concentration of McKean Complex projectile point finds on the shores of Rock Lake at the headwaters of the Pembina River (Good et al. 1980:26). The campsites are small and were briefly occupied by small groups of nomadic bands of hunters and gatherers relying upon bison hunting as their main subsistence pattern (Joyes 1970).

A second Archaic complex, which followed the McKean-Duncan-Hanna Complex, is the Pelican Lake Phase (1000 B.C. to A.D. 1), which occurs over much of the northern Plains. The Pelican Lake Phase is represented by large corner-notched projectile points. Pelican Lake projectile points have been recovered from the Calf Mountain and Shewfelt sites in Manitoba, both of which are in the Pembina Mountains 30 miles north of the study area (Good et al. 1980:27). Campsites are small, indicative of small nomadic bands of hunters and gatherers who concentrated upon hunting bison and gathering wild plant foods. Large numbers of stone circles appear in the area at this time. These stone circles have been interpreted as having been constructed in conjunction with circular lodges or tipis (Frison 1978:51; Mulloy 1960:1-3). Some of the stone circles may be the remains of corral structures and other forms of animal traps (Malouf 1960:3-5; Moomaw 1960:5-9). The widespread occurrence of the Archaic complexes suggests that some of them will be present within the study area.

#### The Woodland Period (500 B.C. to A.D. 1000)

Following the Pelican Lake Phase is the Besant Phase (A.D. 1 to A.D. 800). This phase is characterized by side-notched projectile points of varying sizes. Pottery first appeared in the study area at this time. The association of Besant projectile points with secondary burials in log-covered chambers may indicate mound building in the early Besant Phase (Joyes 1970). The corded pottery and mound building characteristics suggest influence from Woodland cultures to the southeast. The Calf Mountain site, located 32 kilometers (20 miles) northwest of the study area, has a Besant component (Good et al. 1980:28). Besant campsites appear to represent lengthy or repeated occupations by nomadic bands who coalesced during communal bison hunts (Joyes 1970).

The Avonlea Phase, dating between A.D. 400 to A.D. 700, is partially contemporaneous with the Besant Phase. The Avonlea Phase is characterized by small, corner-notched and side-notched projectile points indicative of the use of the bow-and-arrow (Good et al. 1980:28), and fabric-impressed, bossed or punctated conoidal pottery vessels. The Avonlea Phase is represented at the Avery site, located along the headwaters of the Pembina River, in Manitoba. Campsites appear to be small, temporary camps of nomadic hunters and gatherers. Nomadic bands appear to have coalesced during communal bison hunts (Joyes 1970).

During the Woodland Period there is widespread construction of linear and circular mounds containing flexed and disarticulated primary and secondary bundle burials. Utilitarian and ornamental goods are associated with the burials. This mound complex has been defined as the Arvilla Complex, dating from A.D. 600 to A.D. 900 (Johnson 1973:66). The Lake Bronson site (21KT1), located in northwestern Minnesota near the study area, has an Arvilla Complex component (Anfinson et al. 1978) containing Blackduck ceramics.

#### The Late Prehistoric Period (A.D. 1000 to A.D. 1600)

The Manitoba Phase first appears in Minnesota at approximately A.D. 800 and ends at A.D. 1400. It is characterized by Blackduck ceramic ware and small side-notched projectile points. It has been hypothesized that Blackduck ceramic ware and the Manitoba Phase represent the prehistoric Assiniboine (Wilford 1945;

MacNeish 1954). Lugenbeal (1978:45-68) hypothesized that Blackduck ceramic ware is an Algonkian, not Assinboine, culture in Minnesota. The Manitoba Phase is represented at the United Church site (MacNeish and Capes 1958) and at the Calf Mountain site (Joyes 1970), 80 kilometers (50 miles) and 32 kilometers (20 miles) northwest of the study area, respectively. Sites are usually small and appear to represent small bands of nomadic hunters and gatherers. Subsistence strategy included procurement of bison, deer, fish and mollusks. Mound building, grave goods and secondary burials are associated with the Manitoba Phase (Joyes 1970).

Following the Manitoba Phase is the Selkirk Phase (A.D. 1350 to A.D. 1750) which is characterized by fabric-impressed ceramic ware and small side-notched projectile points (MacNeish 1958). MacNeish (1958) hypothesizes the Selkirk Phase is the prehistoric and early historic Cree. Many sites having Selkirk Phase components have been reported near the study area. Sites are usually small, representing nomadic hunting and gathering bands which coalesced during communal bison hunts. Selkirk Phase sites in southeastern Manitoba contain deer, fish, and shellfish, but few bison (Good et al. 1980:30).

#### The Protohistoric Period (A.D. 1600 to A.D. 1800)

The introduction of the horse and gun brought about significant changes in the human groups within the Great Plains. The Protohistoric period is characterized by the occurrence of European trade goods, such as metal and beads. Several fur trading posts were established in the Pembina River valley during the late 18th Century and early and middle 19th Century (Good et al. 1980:Appendix 2).

#### The Historic Period (A.D. 1800 to the Present)

Four Native American Indian groups are reported to have occupied land in and around the Pembina River. The Cree inhabited much of the land in northeastern North Dakota at approximately A.D. 1750. The land to the west and north of the study area is reported to have been inhabited by the Assiniboine from at least the middle of the 18th Century (Good et al. 1980:33). The land south of the study area was inhabited since the middle of the 18th Century by the Yanktonai, a member tribe of the Dakota Sioux (Good et al. 1980:34). The most important Native American Indian group to the study area is the Plains Chippewa, also known as the Plains Ojibway. The Chippewa followed the European fur traders west from the woodlands of Michigan, Wisconsin, Minnesota, and Ontario. They settled along the Red River of the North, forming a loosely organized symbiotic relationship with the European fur traders. The Chippewa gained control of what is today northern North Dakota (Good et al. 1980:35).

The most thoroughly reported historic site near the study area is the Antoine Gringas House and Trading Post, located approximately one mile northeast of present day Walhalla. Several important historic structures and towns which will be investigated during this contract are located within the study area. Additional historic sites include the Mayo Brick Plant and the community of Brickmine, the hamlet of Valmont, and the Hyde Park Cemetery (Good et al. 1980:46-47).

In summary, archeological investigations within southeastern Manitoba, northeastern North Dakota, and northwestern Minnesota have yielded remains of human groups dating from 10,000 B.C. to the historic present (Syms 1977; Nicolai et al. 1978). Temporal placement of sites is dependent primarily upon the recovery of diagnostic projectile point styles and, much later, pottery. The variation in site types, and the activities performed at sites, can be expected to encompass a wide range of social activities, including procurement, butchering, burial

activities, and maintenance tasks. Identification of diagnostic artifacts recovered during archeological investigations in the lower Pembina River valley will enable researchers to fit the sites into a cultural-temporal sequence for the Pembina River area.

#### Cultural Ecology and Process

Intensive archeological investigations along the Pembina River valley have, for the most part, been confined to the headwaters in Manitoba. The present project will enable researchers to investigate the lower portions of the Pembina River valley for the presence of prehistoric and historic cultural resources. The topography within the study area has formed a variety of ecological settings. Research in the Pembina River valley indicates a division of the topography into four vegetation zones, based on elevation and physiography, and allows the formulation of inferences about prehistoric subsistence-settlement systems in the area. These zones are 1) the bottomland hardwood forest, 2) the upland mixed hardwood forest, 3) the upland oak savanna woodland, and 4) the tall-grass prairie. The project area is dissected by streams which have their origin in the Pembina Hills and the prairie-uplands. These streams provided ideal habitation areas. Ames' survey in 1975 located 16 sites (Ames 1975; Good et al. 1980:18) along the Pembina River in Cavalier County.

On the basis of archeological investigations in the Northeastern Plains Periphery, it is hypothesized that the prehistoric settlement model is one of seasonal transhumance where the social groups moved annually in search of resources. The elevational changes and regional topography provide a series of ecological systems which have important hydrological variability which affects plant maturation rates and the availability of large mammals. It is postulated that the size of the social groups varied from season to season, and would have been directly correlated with the level of cultural development and the types of resources being exploited.

According to the hypothesized scheduling in the seasonal settlement cycle, the social groups in the autumn season (Moodie and Ray 1976:45-51) probably engaged in bison hunting. The optimum time to drive bison successfully was when the rutting season was over. October was apparently the central month of communal bison procurement without the use of horses. The optimum time for bison drives coincides with the ripening of a variety of berries and other plant foods, which presented an ideal situation for social groups to coalesce for the communal bison drive and gathering of wild plant foods.

Many of the tipi ring sites have a large number of stone circles while others have only one or two stone circles. The seasonal procurement of selected food resources would determine the size of the social groups exploiting the resources. The differential size in the tipi ring sites tends to support the hypothesis of differential social group sizes during different seasons.

It is hypothesized that the more permanent campsites were situated on terraces of the river floodplains where a reliable supply of water and greater varieties of wild plant and animal foods were available. It is postulated that winter encampments would have been situated on the river terraces where the river bluffs would have provided protection from the severe winter winds. It is hypothesized that the upland sites, located in the oak savanna woodland and tall grass prairie, were used as ancillary hunting and gathering camps for small social groups.

Historically, the Chippewa, Cree, Sioux, and Assiniboine were the primary occupants of the Pembina River valley. The finding of European trade goods on sites

is evidence of these occupations (Ray 1978:26-34).

The data obtained will be examined from an ecological perspective and will be compared to that from other sites within the Northeastern Plains Periphery Region in order to determine to what extent the site occupations correspond to regional prehistoric settlement-subsistence patterns.

#### Methodological Orientation

Five structural alternatives, encompassing approximately 7500 acres, will be systematically investigated for prehistoric and historic cultural resources. Three survey intensity levels will be utilized during the project:

##### Level I - Overview

This level of inventory consists of a systematic search of existing records and interviewing local informants for cultural resources located within the project area. This level of inventory will be performed for all lands within the project area.

##### Level II - Sampling Survey

This level of inventory will involve a 25 percent sampling of approximately 1749 hectares (4320 acres) within proposed structural Alternatives 4 and 5 and will yield predictions of the cultural resources present.

##### Level III - Intensive Survey

This level of inventory is to relocate 16 prehistoric sites previously recorded in the Pembilier Lake and Dam structural alternative (Ames 1975). Additional areas to be intensively surveyed will include selected historic sites, such as the Hyde Park Cemetery, Gingras House and Trading Post, Mayo Brick Plant and any fur trading posts or ox trails which are reported to be in the area by local informants and archival research.

#### Field Investigations

Level I investigations of archeological resources will be performed by the Principal Investigator, the Co-principal Investigator, the Historian, and two assistants. Records will be examined at the State Historical Society of North Dakota for recorded archeological and historic sites, and at the local Pembina and Cavalier Counties Historical Societies for information on local amateur collectors and informants to be interviewed.

Local amateur collectors, informants and landowners will be contacted prior to any field work. It is imperative that a good rapport be established with the local residents within the project area. The successful completion of the cultural resource investigations outlined for this contract is dependent upon very good public relations with the local residents. After contacting local amateur collectors and informants, Level II inventory will begin.

Level II inventory will consist of a systematic, 25 percent sample of approximately 1749 hectares (4320 acres) within structural Alternatives 4 and 5. Since most of the lands to be investigated are within the floodway channel, which will be a corridor 198 meters (650 feet) wide and 53 kilometers (33 miles) long (Alternative 4), it is best to implement a systematic sampling strategy. The systematic sampling strategy will be statistically valid and will yield reliable results for constructing inferences about cultural resources within structural Alternatives 4 and 5.



Two procedures will be followed. First, for the floodway channel, the systematic 25 percent sample will be performed in the following manner: Beginning at the confluence of the floodway channel with the Red River of the North, down river from Pembina, every fourth section along the channel corridor will be intensively surveyed for archeological sites. Table 1 shows the sections to be intensively surveyed. Approximately 283 hectares (700 acres) will be intensively surveyed by two archeological field crews in a period of seven days or less.

Second, 25 percent of the floodpool areas for structural Alternatives 4 and 5 will be intensively surveyed for archeological sites. Each section within the proposed floodpool structures will be divided into quarter sections. The south-east quarter sections will be intensively surveyed. Table 1 shows the quarter sections to be intensively surveyed. A total of approximately 162 hectares (400 acres) will be intensively surveyed for the presence of archeological sites by two archeological crews in a period of 4 days.

Archeological field investigations will be performed by two crews, each consisting of two persons. Two citizen band radios will be used for communications between the two survey teams. All cultivated lands within the survey sample will be examined for surface remains by pedestrian reconnaissance. Crew members will traverse the fields along transects spaced approximately 30 meters apart. Within areas of low ground visibility, with permission of the landowners, a three to four bottom plow will be used to plow furrows along the channel corridor and within the selected floodpool areas, at approximately 50 meter intervals. This procedure will expose soils which, after a rain, will be examined by the survey teams for the presence of cultural remains. Where landowners' permission to plow is not acquired, shovel tests will be performed at 50 meter intervals along 30 to 50 meter transects.

In addition to strip-plowing and shovel testing, areas which appear to have more deeply buried alluvium, such as at the base of talus slopes and along river terraces, a gasoline powered auger will be used to dig 15.25 cm (six-inch) diameter, one-meter deep holes. Soils removed by the auger will be examined for the presence of cultural remains. Auger holes will be placed at intervals of 50 to 100 meters along 50 meter transects. Records will be kept concerning color and texture of subsurface soils. After disturbance by shovel testing or augering all digging (excavation) localities will be returned to their natural condition.

Level III inventory will begin after completing the 25 percent systematic sampling procedure outlined above. Archeological investigations in the Pembilier Lake and Dam (structural Alternatives 1, 2 and 3) will focus upon locating previously recorded sites within the impact area. Ames (1975) reported 16 sites (Good et al. 1980:18) during initial reconnaissance in 1975. Level III investigations will attempt, by means of intensive survey by the two crews, to relocate, conduct surface collections, and map the exact locations of these sites. In addition to the 16 sites reported, several historic sites will also be located and mapped. Included are the Mayo Brick Plant and the community of Brickmine, the Gringas House and Trading Post, Hyde Park Cemetery, and the hamlet called Valmont (Good et al. 1980:46-48). The two survey teams will use a Whites metal detector to help delimit the location and boundaries of historic sites which no longer have visible structural remains. The metal detector will be invaluable in locating possible historic loci. Level III inventory will be completed in nine days by the two survey teams.

Table 1

Sections to be systematically surveyed for structural Alternatives 4 and 5.

Channel Corridor:

T164N, R51W: Section 28  
T164N, R52W: Sections 26, 30  
T164N, R53W: Section 28  
T164N, R54W: Sections 26, 30  
T164N, R55W: Section 28  
T164N, R56W: Section 26

Floodpool Areas:

Alternative 4

T163N, R56W: SE $\frac{1}{4}$  Section 14  
SE $\frac{1}{4}$  Section 15  
SE $\frac{1}{4}$  Section 22

Alternative 5

T163N, R54W: SE $\frac{1}{4}$  Section 31  
SE $\frac{1}{4}$  Section 6

During Level II and III archeological inventories, the following procedures will be followed:

1. All reported sites will be plotted on 7.5" topographic maps, showing the extent of the site areas.
2. All reported sites will have North Dakota site inventory forms completed and sent to the appropriate authorities.
3. Surface collections will be conducted at each reported site. When surface remains are in great quantity, that is, one artifact per ten square meters, then a Cartesian Coordinate Grid will be superimposed over the site and a systematic collection will be conducted. More precise control over the location of artifacts may provide invaluable spatial information, particularly if the sites are multicomponent and are temporally separated spatially (Binford 1970; Logan 1979).
4. All reported sites will have permanent datum markers established which can be located on 7.5" topographic maps. Datums will consist of four-inch diameter white plastic pipe set into the ground. The plastic pipe will be five feet long, with three feet set into cement and two feet exposed above ground. The site number, name, and date of recording will be engraved into the plastic. The center of the pipe will be filled with cement. This type of datum marker is non-deteriorating, nonmagnetic for setting a transit over, and is very visible in dense underbrush. Most datums will be placed in fence rows so that they will not interfere with or be destroyed by farming activities.
5. All reported sites will be photographed and general site maps, showing boundaries, will be made. Historic sites, with intact foundations, will be measured and mapped.

Historical investigations, consisting of archival research at the North Dakota State Capital, the North Dakota State Historic Preservation Office, and the local courthouses and historical societies and libraries in Pembina and Cavalier Counties, and the I.D. Weeks Library at The University of South Dakota will provide the basis for a regional historic perspective of the impact area. Local informants will be interviewed. Pembina County and church records will be examined for information concerning Hyde Park Cemetery. All gravestones will be recorded and mapped within Hyde Park Cemetery. A literature search will be performed for the Mayo Brick Plant and similar type brick plants located in the Northeastern Plains. A regional synthesis will be forthcoming from the historic investigations conducted during this project.

#### Laboratory Analysis

Initial laboratory analysis will consist of detailed identification of all artifacts recovered during pedestrian reconnaissance. Each artifact or class of artifacts from each site will be assigned a unique catalogue number for curation and future reference. Recovered artifacts will be packed and transported to The University of South Dakota Archaeology Laboratory for analysis. Curated artifacts, maps and photographs will be stored in boxes marked "Property of the U.S. Army Corps of Engineers, St. Paul District."

Artifacts collected during previous surveys for the Pembina River Project will also be examined in detail in order to develop a more concise synthesis of pre-historic and historic occupation in the project area.

Identification of faunal remains will be performed by Marie E. Brown, a Research Associate knowledgeable in archeological faunal identifications and analysis. The University of South Dakota Archaeology Laboratory has comparative faunal collections which are indispensable for correct identification of archeological specimens. The identification of faunal materials will allow determination of historic and prehistoric subsistence patterns and may also provide data concerning the prehistoric and early historic environment of this part of the north-eastern Plains.

Identification and analysis of lithic and ceramic remains will be performed by the Principal Investigators. Historic artifacts, which include glass, porcelain, and metal objects, will be described and analyzed by the Principal Investigators. Both are knowledgeable in prehistoric lithics, ceramics and historic artifacts.

A detailed, descriptive report will be written on the archeological investigations. A general synthesis will be written for the prehistory and history of the area. The present vacuum of detailed information concerning the prehistoric habitation of the project area should be partially filled during the present contract.

#### Management Goals

The objectives are fourfold:

1. to conduct a reconnaissance level field survey, based on a statistically valid sample of portions of structural Alternatives 4 and 5 in the boundary floodway, in order to predict the probable location, frequency and cultural affiliation of prehistoric and historic sites within the project area;
2. to conduct additional reconnaissance level field work in the Pembina River valley with possible relocation and surface collecting of previously recorded sites;
3. to conduct a records review for Pembina County;
4. to conduct a literature search and field reconnaissance of Hyde Park Cemetery, the Gringas House and Trading Post, the Mayo Brick Plant and the community named Brickmine, and the hamlet known as Valmont (Good et al. 1980:46-47).

Results of the field work and archival research will provide the necessary data to refine the chronological and cultural assignment of recorded sites. The floral and faunal context of site locations will allow the development of inferences concerning the local resources which were available to the sites' occupants and to establish criteria for assessing the scientific and historical value of each site within its environmental and historical context.

The significance of historical sites will be determined according to the criteria established for their eligibility for nomination to the National Register of Historic Places. The scientific value of prehistoric sites will be determined by assessing their cultural and temporal assignment in conjunction with their environmental context. The criteria for significance will be established when field work has been completed and the data analyzed.

Results of the proposed undertakings will provide the U.S. Army Corps of Engineers a recommended management plan for the construction of proposed flood

control alternatives and a plan to mitigate the effects of the proposed undertakings upon cultural resources.

#### Contract Specifications

##### Level of Effort:

The Principal Investigator, Kenneth L. Brown, will devote 132 full-time days during the project to the necessary design, administration, supervision, review and editing of the final report.

The Co-principal Investigator, Richard G. Whitten, will devote 4 percent of his time (5 days full-time equivalent) implementing the project design.

The Archeology Field Assistant, Marie E. Brown, will devote 132 full-time days, during the project supervising the field work and artifact analysis and report preparation.

The Historian, Karen P. Zimmerman, will devote 24 full-time days to the project: field work 14 days and report writing 10 days.

The Scientific Illustrator, Marianne Schuld, will devote 44 full-time days to the project: illustration of artifacts and cartography.

The Administrative Assistant I, Lucille Stewart, will devote one-third time (44 days full-time equivalent) to the bookkeeping and administrative paperwork for the project.

The Staff Assistant IV, Gail Erickson, will devote one-third time (44 days full-time equivalent) to typing the report and assisting in the administration of the project.

This cultural resource reconnaissance project will be completed in 184 calendar days; (132 work days) with a total of 84 man-days devoted to archeological field survey and reconnaissance; 14 man-days devoted to historic archival research; 10 man-days devoted to writing the historical report; 44 man-days devoted to scientific and cartographic illustrations; 88 man-days devoted to bookkeeping, administrative paperwork, and report typing; and 220 man-days devoted to the artifact analysis and writing of the archeological survey report.

Lodging and food will be provided for 118 man-days spent in the field. Mileage will be provided for the use of state vehicles to travel to and return from the project area. Mileage includes the visits to the North Dakota State Capital at Bismarck for historical archival research and visits to the North Dakota State Preservation Office and State Archeologists for prehistoric and historic literature and records searches.

Of the approximately 1746 hectares (4316 acres) within structural Alternatives 4 and 5, approximately 437 hectares (1079 acres) will be intensively surveyed by means of a 25 percent sampling design and an attempt will be made to relocate and conduct surface grab collections from 16 prehistoric sites previously reported within the Pembilier Lake and Dam alternative. Selected historic sites will also be intensively investigated to determine their significance and eligibility for nomination to the National Register of Historic Places.

Equipment purchases necessary for the completion of this project include two portable citizen band radios. The radios will be required for communication between the two field crew teams while conducting the field reconnaissance and survey and relocation of previously reported sites within the project area.

Facilities Available:

Field equipment, maps, surveying equipment, metal detector, cameras and camera equipment will be furnished by The University of South Dakota. Storage facilities for artifacts, maps, notes and photographs collected during field work will be supplied by The University of South Dakota Archaeology Laboratory. Final disposition of the data will be made in consultation with and agreement by the North Dakota Historic Preservation Officer and appropriate officials of the United States Army Corps of Engineers, St. Paul District. Facilities for curating artifacts in perpetuity are available at The University of South Dakota Archaeology Laboratory. Public display of artifacts is available at the W.H. Over Museum on The University of South Dakota campus. The storage facilities presently consist of approximately 1000 square feet with adequate shelving and an automatic water sprinkler system. Laboratory facilities for the preparation of the final report on the results of the survey and literature search will be supplied by The University of South Dakota.

Study Work Schedule:

July 20, 1981 - August 16, 1981

Field survey and reconnaissance of archeological and historical sites as outlined in the field procedures.

August 17 - October 31, 1981

Laboratory analysis of recovered data. Writing of the historical report. Illustrations of artifacts and cartographic work for the project.

November 1, 1981 - December 31, 1981

Writing the results of the archeological survey and laboratory analyses of the project. Typing a rough draft of the report following the standards specified.

VI. CONTRACT REPORT FORMAT, CONTENT AND SPECIFICATIONS:

Reports Required

Three types of contract reports will be required for submission to complete the contract: (1) a brief field report, (2) a draft and final contract report, and (3) a popular report.

1. Field Report

A brief field report to be submitted 30 days after completion of the field work will summarize the work, project/field limitations, methodology used, time utilized, and survey results.

2. Draft and Final Contract Reports

Ten copies of the draft contract report will be submitted December 31, 1981, and will be reviewed by the Corps of Engineers and the State Historic Preservation Officer, the State Archeologist, and Heritage Conservation and Recreation Service. One copy of the project field notes will be submitted at the time of the draft report. An original and 15 copies of the final contract report will

be submitted 30 days after the Corps of Engineers' comments on the draft report are received by the offeror. The final report will incorporate all the comments made on the draft report.

### 3. Popular Report

A draft popular report will be submitted with the draft contract report, and will be reviewed by the Corps of Engineers. Twenty copies of the final popular report will be submitted with the final contract report. The popular report should be a condensed version of the contract report that would be of interest to the general public. The report should provide an overview of the archeology, protohistory, and history of the project area and region; a brief review of the work conducted in the area and the reasons (both archeological and managerial) why the work was conducted; and the results of the completed study. Exact site locations will not be reported in the popular report.

### Report Format Specifications

The draft and final contract reports will be submitted according to the following general content category outline. Some of the following categories do not need to be separate sections in the report. Sections discussing similar topics can be grouped together.

Title Page: The title page should provide the following information: the type of investigation undertaken; the cultural resources which were assessed (archeological, historical, and architectural); the project name and location (county and state); the date of the report; the Contractor's name; the contract number; the name of the author(s) and/or Principal Investigator; the signature of the Principal Investigator; and the agency for which the report is being prepared.

Abstract: An abstract of findings, conclusions, and recommendations. This should not be an annotation.

Management Summary: A concise summary of the study, which will contain all essential data for using the document in the Corps of Engineers management of the project. This information will minimally include: why the work was undertaken and who the sponsor is, a brief summary of the scope of work and budget, summary of the study (field work; lab analysis; literature search and records review, including the National Register and dates checked), study limitations, study results, significance, recommendations and the repository of all pertinent records and artifacts.

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Introduction: Identify the sponsor (Corps of Engineers) and the sponsor's reason for the study; an overview of the sponsor's project and the alternatives with the alternatives located on USGS quad maps; provide an overview of the archeological/historical study to be undertaken; define the location and boundaries of the study area

(with regional and area-specific maps); define the study area within its cultural, regional, and environmental context; reference the scope of work and budget (both of which should be in the appendix); identify the institution that did the work, the number of people involved in the study, the number of person-days/hours utilized during the study; identify the dates when the various types of work were completed; identify the repository of records and artifacts; and provide a brief overview or outline of how the study report will proceed, and an overview of the major goals that the study/study report will accomplish.

Previous Archeological and Historical Studies: This section should provide a summary and evaluation of previous archeological and historical studies of the region, including the date, extent, adequacy of the past work, and cultural/behavioral inferences derived from the research.

Environmental Background: Description of the study area and regional environment, including the following categories: geology, vegetation, fauna, climate, topography, physiography, and soils, with reference to prehistoric, historic, ethnographic, and contemporary periods. Any information available on the relationship of the environmental setting to the area's prehistory/history should be included. This section should be of a length commensurate with other report sections.

Regional Prehistory and History: Discussions should include regional cultural developments spatially and chronologically; environmental adaptations; subsistence, resource procurement, and settlement patterns; site/population density and size; and any other pertinent information on the prehistory, protohistory, and history of the study area and region.

Theoretical and Methodological Overview: This section should include a description or statement of the goals of the Corps of Engineers and the study researcher, the theoretical and methodological orientation of the study, and the research strategies that were applied in achieving the stated goals.

Literature Search and Records Review: This section should detail the methodology and sources used for the literature search and records review as well as a description and evaluation of all information and data recovered. For each reference discussed, the author, date and page numbers should be cited.

Field Methods: This section will describe specific archeological activities that were undertaken to achieve the stated theoretical and methodological goals, which should include all field methods, techniques, and strategies, and a detailed, complete description of the research.

Analysis: This section will describe specific analytic methods and techniques; describe and discuss the qualitative and quantitative manipulation of the data and data classification if appropriate. It will also discuss limitations or problems with the analysis based on the data collection results.

Investigation Results: This section will describe the data recovered during the research, and any other data pertinent to a complete understanding



of the resources within the study area. This section should include enough empirical data that the research can be independently assessed. The description of the data should minimally include: a complete detailed description of the field work (survey conditions, topographic/physiographic features, vegetation conditions, soil types, stratigraphy, survey limitations, and survey testing results with shovel test profile forms to be included as an appendix). A description of the site, amounts and type of material remains recovered, relation of the site or sites to physiographic features, vegetation, and soil types, and project alternatives or impact areas, analysis of the data (culture historical aspects, cultural/behavioral inferences or patterns), and location and size information (elevation, quad map sources; legal description; address if appropriate) should also be included. The information should be presented in a manner that can be used easily and efficiently by the Corps of Engineers.

This site information should be presented with each site being discussed on a separate page/pages with the site location indicated on a USGS map. If a site location has not been field-verified, indicate the approximate area on the map, and indicate that it has not been verified, or give an explanation why the site cannot be located on a map. An example of this site description format follows:

Site Number and Site Name

Complete Legal Description: Township, Range, Section, County or Address, if appropriate. Indicate if the site has been field-verified or not, when and by whom.

Complete USGS Quadrangle Reference: Quad name, Quad size, all Quad dates.

Report Figure/Map/Plate Reference

Accession Numbers

Site Type, Site Reports, Investigations of Dates

Cultural Affiliation (with dates or date estimates)

Environmental Descriptions: Briefly, to include topography, physiography, soils, and vegetation.

Site Description

Present Site Condition: Disturbed, undisturbed, vegetation, soils, and surface material.

Site Significance: As reported by others or your own evaluation, including an evaluation of previous conclusions.

Project Impacts: Evaluate the direct and/or indirect impacts of the project upon the site.

Recommendations: Management recommendations, future archeological/historic work recommendations.

Remarks: For comments with no other category.

#### Pertinent Bibliographic References

A paragraph before the site descriptions should indicate that, if no information is available for a specific category, this category will not be included in the listing.

The location of all sites and other features discussed in the text will be shown on a legibly photocopied USGS map and will be bound into the report. Maps shall also be included showing the relationship of sites to the project areas and which areas were surveyed. In addition, the project map will show those areas that have been eliminated from survey due to unacceptable survey conditions. Maps should also show the type of survey method employed for each area surveyed (for example, pedestrian walkover, shovel tests). All maps will be labeled with a caption/description, a north arrow, a scale bar, township, range, quad map size, and quad dates (on USGS maps only), and the map source (e.g., the USGS quad name or published source) and will have proper margins.

Evaluation of Research: This section should discuss the reliability of the data; relate results of the analysis to the stated study goals; identify changes, if any, in the research data goals; synthesize and compare the results of the analysis; integrate ancillary data; and identify and discuss cultural/behavioral patterns and processes that are inferred from the study results.

Evaluation of Cultural Resources: This section should discuss site location, density, size, condition and distribution, evaluate the significance of the cultural resources in relation to the regional archeology and history; and, in relation to the project alternatives, identify and discuss the potential for future research.

Recommendations: This section should discuss the direct and indirect impacts of all the project alternatives on the area's cultural resources with specific management recommendations on all previously recorded and discovered sites; discuss the significance of all sites to the extent permitted by the study level in relation to the research goals established in the study and recommendations on the eligibility of the sites to the National Register of Historic Places; recommend future intensive level research priorities needs and make suggestions with regard to the Corps of Engineers planning goals and project alternatives.

References: Provide standard bibliographic references (American Antiquity format) for every publication cited in the report.

Appendix: This section should include the scope of work portion of the technical proposal; resumes of all personnel involved; all data-related correspondence derived from the study; all State site forms; all shovel test forms and any other pertinent report information referenced in the text as being included in the appendix.

#### Other Required Contract or Report Specifications

1. The contractor shall submit the photographic negatives to the Contracting Officer for all black and white photographs which appear in the final report.

2. Neither the contractor nor his representative shall release any sketch, photograph, report, or other material of any nature obtained or prepared under the contract without specific written approval of the Contracting Officer prior to the acceptance of the final report by the Government.
3. All text materials will be typed, single-spaced (the draft reports should be space-and-one-half or double-spaced), on good quality bond paper, 8.5 inches by 11.0 inches, with a 1.5-inch binding margin on the left, 1-inch margins on the top and right, and and 1.5-inch margin at the bottom, and will be printed on both sides of the paper.
4. Information will be presented in textual, tabular, and graphic forms, whichever are most appropriate, effective, or advantageous to communicate the necessary information.
5. All figures and maps must be clear, legible, self-explanatory, and of high enough quality to be readily reproducible by standard xerographic equipment, and will have margins as defined above in category 3.
6. The final report cover letter should include a budget of the project.
7. Cost estimates for future recommended work will be submitted as deliverables.
8. The draft and final reports will be divided into easily discernable chapters, with appropriate page separation and headings.
9. The contractor will utilize a systematic, interdisciplinary approach in conducting the study. During the course of the study, the contractor will provide specialized knowledge and skills to include expertise in archeology and other social and natural sciences as required.
10. The extent and character of the work to be accomplished by the contractor will be subject to the general supervision, direction, control, and approval of the Contracting Officer.
11. Techniques and methodologies that the contractor uses during the investigation shall be representative of the current state of knowledge for their respective disciplines.
12. The contractor shall keep standard field and lab records which shall include, but not be limited to, field notebooks, site survey forms, field maps, photographs, and lab forms.
13. The tested areas will be returned as closely as practical to presurvey conditions by the contractor.
14. The contractor shall provide all expertise, materials, and equipment that may be necessary to expeditiously perform those services required of the study.
15. The recommended professional treatment of recovered materials is curation and storage of the artifacts at an institution that can properly insure their preservation and that will make them available for research and public view. If such materials are not in Federal ownership, the consent of the owner must be obtained, in accordance with applicable law, concerning the disposition of the materials after completion of the report. The contractor will be responsible

for making curatorial arrangements for any collections which are obtained. Such arrangements must be coordinated with the appropriate officials of North Dakota and approved by the Contracting Officer.

#### REFERENCES CITED

- Ames, K.M.  
1975 Archaeological Site Survey of the Pembilier Project Area. Report submitted to the U.S. Army Corps of Engineers, St. Paul District.
- Anfinson, S.F., M.G. Michlovic and Julie Stein  
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- Binford, L.R. and S.R. Binford, R. Whallon, and M.A. Hardin  
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1980 A Cultural Resource Assessment of the Pembilier Lake and Dam Flood Control Project, Pembina River, Pembina and Cavalier Counties, North Dakota. Report submitted to the U.S. Army Corps of Engineers, St. Paul District.
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- Joyes, D.  
1970 The Culture Sequence at the Avery Site at Rock Lake. In: Ten Thousand Years of Archaeology in Manitoba, edited by W. Hlady. Manitoba Historical Society.
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# BUDGET

## Cultural Resources Survey for the Pembina River Project, North Dakota

### I. Salaries and Wages

#### A. Off-campus field work

1. Principal Investigator	176 hrs @ \$8.00 hr	1408.00
2. Field Assistant	176 hrs @ \$7.00 hr	1232.00
3. Assistants	2 @ 160 hrs @ \$5.00 hr	1600.00
4. Historian	112 hrs @ \$8.00 hr	<u>896.00</u>
	Sub Total	5136.00

#### B. On-campus laboratory analysis and report preparation

1. Principal Investigator	880 hrs @ \$7.00 hr	6160.00
2. Laboratory Assistant	880 hrs @ \$6.00 hr	5280.00
3. Historian	80 hrs @ \$8.00 hr	640.00
4. Administrative Asst.	352 hrs @ \$5.63 hr	1982.00
5. Staff Asst. IV	352 hrs @ \$4.17 hr	1468.00
6. Scientific Illustrator	352 hrs @ \$5.50 hr	<u>1936.00</u>
	Sub Total	17466.00

### II. Benefits

A. Staff @ 15% of total salaries (\$22602.00)		<u>3390.00</u>
	Sub Total	3390.00

### III. Consultants

160 hrs @ \$15.63 hr	<u>2501.00</u>
Sub Total	2501.00

### IV. Other Direct Costs

#### A. Travel, food and lodging

1. Travel to, from, and within project area, 6,000 miles @ .22/mile	1320.00
2. Food, 118 days @ \$19/day	2242.00
3. Lodging, 118 days @ \$25/day	<u>2950.00</u>
Sub Total	6512.00

#### B. Expendable Supplies

1. Datums, bags, film, etc.	800.00
2. Laboratory supplies	<u>200.00</u>
Sub Total	1000.00

#### C. Special Services

1. Strip plowing @ \$15/hr, for 30 hrs	450.00
2. Report preparation costs	1200.00
3. Artifact curation in perpetuity	<u>500.00</u>
Sub Total	2150.00

#### D. Equipment

1. Portable CB Radio 2 @ \$87.50	175.00
Sub Total	175.00

### V. Indirect Costs

A. Computed on all salaries @ 20% (\$22,602.00)	4520.00
Sub Total	<u>4520.00</u>

Grand Total 42850.00



DEPARTMENT OF THE ARMY  
ST. PAUL DISTRICT, CORPS OF ENGINEERS  
1135 U S POST OFFICE & CUSTOM HOUSE  
ST. PAUL, MINNESOTA 55101

REPLY TO  
ATTENTION OF:

NCSPD-ER

27 September 1982

Mr. Ken Brown  
The University of South Dakota  
Archaeology Laboratory  
East Hall  
University of South Dakota  
Vermillion, South Dakota 57069

Dear Mr. Brown:

Inclosed are our comments on the draft report Archaeological and Historical Reconnaissance and Literature Search of Cultural Resources within the Pembina River Project, Pembina and Cavalier Counties, North Dakota.

It was apparent from reading the report that an extensive amount of time had been put into the field and literature research, analysis, mapping, and write-up. The information from your research and report will form the basis for our project impact analysis here and will provide us with the necessary information to evaluate the National Register eligibility of all the sites. Further, your research has greatly extended our knowledge of the history and prehistory of the area. The report will be excellent when the comments are incorporated.

You and your staff should also be commended for the ease with which the contract flowed. The fact that our communication remained open and professional made this a contract we did not have to worry about as opposed to a contract that is a struggle every step of the way. Thank you.

We look forward to working with you in the future.

Sincerely,

A handwritten signature in dark ink, appearing to read "Wayne A. Knott".

WAYNE A. KNOTT  
Chief, Environmental Resources Branch  
Planning Division

1 Incl  
As stated

COMMENTS ON A DRAFT REPORT ARCHAEOLOGICAL AND  
HISTORICAL RECONNAISSANCE AND LITERATURE SEARCH  
OF CULTURAL RESOURCES WITHIN THE PEMBINA  
RIVER PROJECT, PEMBINA AND CAVALIER COUNTIES,  
NORTH DAKOTA

1. Title page: The final report title page needs the signature of the Principal Investigator.
2. Please include a management summary as per Scope of Work Section II C "Contract Report Format Content and Specifications."
3. Maps: Please include a map (or maps) in the final report showing the project alternatives and all the specific areas surveyed or visited. Additionally all areas of the report where the reader would refer to these maps need to be referenced.
4. P. 4, para. 4: The sentence "This will be accomplished by the construction of one of five proposed alternatives" should be more tentatively reworded to indicate that 5 alternatives are currently being considered or studied. Within the Corps planning process the number and type of alternatives can always change, and none of the proposed alternatives that you investigated may ever be constructed.
5. Pa. 5, Alternative 2, last sentence: Provide a space between "1," and "329."
6. Pp. 5-6, Level of Effort: Please change all references to man-days or hours to person-days or hours.
7. Table 5: "Fanuary" should be "January."
8. Table 6, column 3: "Wendlan" should be "Wendland."
9. Environmental Background: The review of past climatic conditions is well done and enables the reader to envision the region in a less static manner than we usually do. Good job.
10. P. 39: At the North Dakota State Historical Society specifically which records were checked (site files, National Register file, etc.)?
11. Pp. 40-41, Field Reconnaissance, p. 68, Table 15:
  - a. The information presented on page 68 (changes in procedures) should also be incorporated in the field reconnaissance discussion on page 40. That additional information explains how much was surveyed in excess of the 25 percent sample.
  - b. P. 40: Please describe more thoroughly the "every fourth mile" survey sample (e.g., beginning at Section 28, R. 51 W., T. 164 N., and surveying every fourth mile until Section 26, R. 56 W., T. 164 N.

c. Pp. 40-41: List the additional areas that were surveyed beyond the 25 percent sample.

d. P. 41: More thoroughly discuss the 1981 part of the valley survey. New areas that were surveyed should be mentioned and legal descriptions listed (or cite a map reference for locations). Please describe the field methodology during the valley survey more thoroughly. If shovel testing was not conducted, please state this.

e. P. 41, paras. 2-3: The number of sites relocated, newly recorded, and surface collected is not the same number as reported on page 1, paras. 2-3, or on page 70, para. 2. In these various sections also include the Pembina County sites that were confirmed and recorded outside the project area.

f. P. 41, para. 3, line 5: Add "1981" after "the."

g. P. 41, para. 4: At which specific sites were datums set up?

h. Field Methodology: The Pembina County sites (outside the project area) that were confirmed and recorded during the 1981 survey should be mentioned and the field methodology explained.

12. P. 65, para. 3, line 4: "discaded" should be "discarded."

13. P. 70, last para.: "avaible" should be "available."

14. P. 74, Table 16 cont.: This portion of Table 16 should be turned around so it matches Table 16 on page 73.

15. Historic Period:

a. General comment: A.J. Ray in Indians in the Fur Trade thoroughly discusses the causes and timing of Indian migration westward and southwestward into northeastern North Dakota. The book discusses tribal migration and resource exploitation both in terms of the seasonal round and from the period 1660 to 1870. There are numerous references to seasonal activities but the nature and season of those activities is not always given. This book is excellent and important to any history of Indians or Indian-White history in northeastern North Dakota.

b. General comment: The concept "dependence on European trade goods" has become a catch-all argument for Indian behavior during the historic period. Several problems arising from this concept are:

(1) Historical process is lost: What exactly are they dependent upon, at what time, and to what degree?

(2) Other arguments for tribal migration: The horse played a significant role in offering new opportunities to exploit the resources of the plains.

(3) Indians are being portrayed as being motivated by western capitalist incentives and as giving up traditional concepts for the sake of "profit."



16. P. 81, para. 1: Hickerson's argument has been challenged of late. In particular, Michael G. Michlovic in "Ecotonal Settlement and Subsistence in the Northern Midwest" (Midcontinental Journal of Archaeology, Vol. 5, No. 2, 1980: 151-167), has found Hickerson's thesis unsupportable.

17. P. 81, para. 4: The wording of the last sentence gives the impression that the only material that will be found at historic Indian sites will be a light scatter from a campsite representing a temporary ephemeral occupation. While this may be the case with some sites, there are surely other sites which may have only been seasonally occupied over many years, or sites which were intensively occupied for only one season. The former seasonal sites could potentially yield abundant and important amounts of material, while the latter could yield potentially significant information extracted from the smaller more temporary sites. Further, isn't it unlikely that "anything other than campsite debris would remain" from any nomadic group, historic or prehistoric? The wording of the statement risks the implication that this type of historic site is not significant, but it further assumes that such a site may be considered potentially significant if it is prehistoric.

18. P. 84, para. 2: Did only the Metis use these kinds of pipes?

19. P. 84, para. 3, line 9: Should "the late 16th Century" be "the 17th Century?"

20. P. 85, para. 5, line 9: Please provide the date and page numbers for the Good et al. reference.

21. P. 87, para. 3: Is "Massacre at Seven Oaks" an official title for the incident? If so, maybe this could be stated. The term "appalling murder" should be set in quotes if it is directly from Robinson (1966) or rephrased in a more neutral tone. (See also comment 45C.)

22. P. 88, para. 4: The present location of the Kittson Post should be mentioned.

23. P. 89, para. 2, lines 2-3: The wording of the sentence "It had completely changed the ways of life of the Indian groups." seems to imply that they no longer retained any of their traditional beliefs and patterns.

24. P. 97, para. 4: The way you described the recent event at the Hyde Park Cemetery was good.

25. P. 100, para. 4, line 5: "bade" should be "blade."

26. P. 101, para. 4, line 3: Is "atesnd" supposed to be "and?"

27. P. 102, Site Density Patterns: For this discussion, please include the total number of sites used in the predictions, and if the 11 Pembina County sites recorded outside the project area were used, mention that as well.

28. P. 106: Lines 3-35 are repeated from page 105; P. 107: Lines 1-2 are repeated from page 106. It is assumed that page 107 should be page 106.

29. Table 19: Inclusion of the campsite suitability classification for each site would be helpful.

30. Site Descriptions - General Comments:

a. Perhaps before the site descriptions are begun, a brief explanation on what determined the designation "find spot" and what determined assigning a site an official number can be given. Further, identify the N.D. State Historic Sites Register and N.R. or reference the discussion of these registers later in the report.

b. Include site descriptions for the 11 Pembina County sites recorded outside the project alternative areas.

c. For all site descriptions, please include the National Register or North Dakota State Historical Sites Register status of each site, and the recommendation for each site (e.g., is on the National Register, is eligible, is potentially eligible but needs further work, or is not eligible).

d. For all site descriptions the potential significance or non-significance of each site could be elaborated on. When a site is determined non-significant and not eligible for the National Register a complete justification of this decision is necessary, including why this decision was made and the data the decision was based on. This also applies to assigning a cultural affiliation or activity/event to a site. How were those decisions made and what evidence are they based on?

e. Whiteware analysis: Since whiteware sherds constitute a large portion of historic material recovered, it is important that the methodology employed in identifying and dating them be clearly described. In your methodology section (p. 53) on historic ceramics you place creamwares under whitewares. According to Edward U. Lofstrom, in his report entitled "A Seriation of Historic Ceramics in the Midwest 1780-1870," and Cynthia R. Price, in a monograph entitled "Type Descriptions and Proposed Ceramic Sequence, 1810-1870, for the Ozark Border Region of Southwest Missouri, Based on an Analysis of Refined Earthenware Assemblages from Archaeological Sites," creamwares are separate from whitewares. Citing Ivor Noel Hume, Lofstrom relates that "Creamware made its first appearance around 1762..." and "rapidly grew popular and remained so until about 1780, when another famous Wedgewood refinement of earthenware—pearlware—was introduced." (1976:5) Whitewares, he suggests, begin to appear as early as 1825, replacing pearlwares. There are many kinds of whitewares: handpainted; transferprinted; flow transferprinted; sponge/spatter; edge decorated; annular, and plain. Each of these variations was produced during a specific period of time and they can be good tools for dating historic sites. If all the whiteware fragments recovered during your survey were "plain," please indicate this in the report.

f. Given the unusual quantity of brick fragments found, would it be possible to identify brick types? In particular, is it possible to distinguish Mayo Brick Company brick from types which do not contain shale? If this were possible, they may provide an excellent horizon marker.

g. With regard to the identification and dating of glass, upon what authority(ies) do you base your analysis and conclusions?

h. Many of the sites which you attribute to dump sites contain the same artifact assemblages as sites you say merit further testing. Can the material that is found in or near a ditch be attributed specifically to the ditch and to recent deposition?

i. For all site descriptions where the site is oriented to the Pembina River as "right side" or "left side," please add if this is the right or left descending bank of the river.

j. For the historic site descriptions where dates are given, indicate what evidence the dates rely on. Are the dates tentative or well supported?

31. P. 115, 32PB8: Please mention the historic component in the cultural affiliation category.

32. P. 118, 32PB9, para. 3, lines 4-5: Should "diagnostic" follow "temporary/culturally?"

33. P. 125, 32PB12:

a. Please add a cultural affiliation category.

b. Pp. 126-127, Impacts and Recommendations: Please mention that about 1/2 of the site (or whatever percentage it is) is directly within the floodway channel area, and the rest of the site is outside the area. Indirect impacts could occur on this portion of the site, or could be directly impacted if the channel alternative moves south at all.

34. 32PB13:

a. P. 128, para. 2: "south" should be "north."

b. P. 130, Impacts and Recommendations, line 1: Remove "and channel."

35. 32PB14, P. 133, Impacts and Recommendations: Mention that the site is within the floodpool of Alternative 5, which explains why it will only be periodically inundated; what records and literature were searched?

36. 32PB15:

a. What records and literature were searched? Justify why it is not significant that the site is on one of the early trail routes through the region (as per comment 30.d.); why is 32PB14 potentially significant and 32PB15 is not? What is the nature significance and route of the old trail mentioned? Upon what basis is this farmstead dated after 1900?

b. P. 135, Impacts and Recommendations: The site is in the immediate vicinity of the proposed alternatives, but the site is not in the direct impact zone of the channel or diversion structure, unless the alignments change. There is potential for the site to be indirectly impacted by construction activities, or periodic flooding and erosion if floodwaters overtop the floodway channel.

37. 32PB16:

a. P. 136, para. 4: Perhaps "component" should be changed to site since not more than one component is represented. Is the 1884 atlas-Andreas (1884)?; discuss the probable age of the site; how deep is the site plowed?

b. Is there a significant relationship between the trail and the post office? Is the post office itself significant?

c. P. 137, Impacts and Recommendations: The site is in the vicinity of the proposed alternatives; however, it will not be directly or indirectly impacted by the construction alignments presently proposed. The site could be directly or indirectly impacted if the floodway alignments move to the east.

38. 32PB18:

a. P. 141, para. 2, last line: Should "south" be "east?"

b. Impacts and Recommendations: The site is in the vicinity of the proposed alignments; however, it is not in the direct or indirect impact zone unless the alignments are moved to the east.

39. 32PB19:

a. P. 144, para. 2: Indicate what records and literature were searched.

b. The aspect of this site you attribute to the Metis may be historic Indian. There is general agreement among scholars that a Metis site cannot be distinguished from a historic Indian site. Upon what do you base your determination?

c. Impacts and Recommendations: The site is in the vicinity of the proposed alignments; however, it is not in the direct or indirect impact zone, unless the alignments are moved to the east.

40. P. 147, 32PB20: None of the site seems to be located in Section 29.

41. P. 153, 32PB26: Is it recommended that further work be conducted on both the prehistoric and historic components?

42. P. 158, 32PB31: Please discuss the impact, recommendations, and significance of the prehistoric component.

43. P. 159, 32PB32:

a. Legal location: "N $\frac{1}{2}$ , NW $\frac{1}{2}$ , NE $\frac{1}{2}$ " should be "N $\frac{1}{2}$ , NW $\frac{1}{2}$ , NE $\frac{1}{2}$ ."

b. P. 161, Impacts and Recommendations: It should be mentioned that part of the site will be directly impacted by construction of the floodway channel, and the rest of the site may be indirectly impacted by the construction activities.

44. P. 163, 32PB34: It should be mentioned that the site is directly adjacent to the proposed floodway channel for Alternative 4, and probably would be impacted by construction activities. If the alignment of the channel is altered to the north at all, then the site will be directly in the path of the channel.

45. P. 164, 32PB37:

a. Legal location: "N $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$ " should be "NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$ ."

b. How was the exact site location discovered when Ernestine Mager gave such a vague location?

c. Although local sources may refer to the event as a "massacre," it would be best to reword all these references. The term massacre has the connotation of blood-thirsty barbaric killing for no reason at all. Unfortunately, the Indian point of view of these recorded events was either never collected, or is rarely reported. Discussions of Indian/White conflicts should attempt to understand and report the reasons for the event, and should try to remain neutral. Other terms throughout the report of this nature (e.g., renegade), should be reworded as well.

d. Impacts and Recommendations: The site is extremely close to the floodpool boundary, but should not be affected unless floodwaters overtop and cause erosional problems.

46. P. 167, 32PB38: The site is in the vicinity of the proposed alignments; however, it is not in the direct or indirect impact zone, unless the alignments are moved to the east.

47. P. 172, Hyde Park School: The site description for 32PB32 should mention the J.C. Johnson farm, and the possible location of the log schoolhouse.

48. Pp. 181-182, USD-3: Explain in more detail why this was not designated a site, and explain in more detail how you define the phrase "Locus of significant cultural behavior." How does this find spot differ from other small sites found?

49. P. 183, USD-9:

a. Add historic glass to "Type of Remains" category.

b. Impacts and Recommendations: This find spot is located within the floodpool of Alternative 5, and will be periodically inundated.

50. Pp. 187-188, USD-11:

a. Expand on how it was determined to be a "recent trash dump," and why it was not designated a site.

b. Impacts and Recommendations: Rephrase lines 1-3 to read the same as USD-9 (comment No. 49.b.).

51. P. 196, USD-17: Find spot 17 is located within the floodpool of Alternative 4, and will be periodically inundated.
52. P. 198, USD-20: Find spot 20 is located next to the floodway channel alignment for Alternative 4. The find spot could be affected by construction activities, or directly affected if the channel alignment was moved to the west.
53. P. 200, USD-21: Find spot 21 is located right next to the floodway channel alignment for Alternative 4. The find spot could be affected by construction activities or if the alignment moved slightly to the east.
54. P. 202, USD-25: Find spot 25 is in the vicinity of the proposed alternative; however, it will not be directly or indirectly impacted by the construction alignments presently proposed. The find spot could be directly or indirectly impacted if the floodway alignments move to the east.
55. Pembina Valley site descriptions: Please indicate the site elevation in feet as well as meters, so the site elevation can be readily compared with the conservation pool, marsh, and floodpool elevations.
56. P. 203, 32CV2: Change first legal location from "E $\frac{1}{2}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$ " to "E $\frac{1}{2}$ , SW $\frac{1}{4}$ , NE $\frac{1}{4}$ ."
57. P. 208, 32CV4: Add "W $\frac{1}{2}$ , NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , 29, 163, 57" to the legal location.
58. P. 213, 32CV5: Please provide recommendations for further study of the historic component.
59. P. 219, 32CV8: Add "SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , 33, 163, 57" and "SE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , 33, 163, 57" to the legal location.
60. P. 222, 32CV9:
- a. Legal location: change "- SW $\frac{1}{4}$ , NW $\frac{1}{4}$ " to "- SW $\frac{1}{4}$ , NE $\frac{1}{4}$ ."
  - b. Explain more thoroughly where, and possibly why, the historic component occurs in two locations at the site. There was no evidence of the residence?
61. P. 226, 32CV11:
- a. Change legal location to "E $\frac{1}{2}$ , NE $\frac{1}{4}$ , NE $\frac{1}{4}$ " and "SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , NE $\frac{1}{4}$ , 33, 163, 57."
  - b. Add an impact and recommendations statement on the bridge. Should the bridge be designated as a site or historic structure?
  - c. P. 281 lists 32CV11 as consisting of the plant, community, and bridge. The site description needs to specifically reflect this.
  - d. Good history of the Mayo Brick Plant.

62. Pp. 236-239, 32CV12:

a. Does the legal location/site boundaries include only the structural remnants of the dam, canal, bridge footings and road-cut, or the area where other structures or cultural remains may be located as well? Was there any field evidence of the other historic structures or associated remains that were located there?

b. Please include an impact, significance, and recommendation statement for the area once occupied by the mill, hotel, and store.

c. P. 238, para. 2 mentions the probable significance of the fish trap site. Include your assessment of the site's significance and National Register eligibility in the impacts and recommendations section.

63. P. 241, 32CV201: Include a recommendation on the historic component.

64. P. 243, 32CV203:

a. Please also mention that the site is on the edge of the conservation pool and will be impacted from wave action and possible recreation activities.

b. If no further work will be necessary with the historic "component" plan state this in the recommendation section.

65. P. 244, 32CV204:

a. Change the first legal location from "SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , NE $\frac{1}{4}$ " to "SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , NE $\frac{1}{4}$ ."

b. If specimen S-86 probably represents an oxbow point, this would suggest an Archaic component. This component should be discussed in relation to the late Woodland/Blackduck component, and mentioned in the Cultural Affiliation category.

c. The edge of 32CV204 will be within the conservation pool (permanent inundation) and the rest of the site is within the proposed floodpool. Adverse impacts to the site may occur from permanent and periodic inundation, and extensive erosion caused by wave action, water level fluctuations, and recreation activities.

66. P. 253, 32CV206: The site is completely within the proposed conservation pool for the reservoir and will be permanently inundated with Alternative 1.

67. P. 259, 32CV210: Please provide a more detailed description of the historic site (well, house, etc.), with a statement on how it was dated; its significance, and justification for why no further work should be conducted.

68. P. 267, 32CV215a:

a. Site 32CV215 and 32CV215a are located separately on the quad maps submitted with the report, and in Figure 28; yet, para. 2 (p. 267) and impacts and recommendations (p. 269) of the site description discuss only 32CV215 (Figure 79a is a photo of 215a). There is no separate site description for 32CV215. Either 32215 and 215a should be lumped and discussed together, or a separate site description should be developed for 215. An explanation of why there is a 215 and a 215a should also be added to the report. Other report tables (e.g., 29, 32) should be adjusted accordingly.

b. Provide more information on how it was determined the historic component is a farm residence dating between 1910 and 1975. Can the dating be more narrowly determined?

69. Information on site impacts, significance, recommendations, and National Register eligibility that is provided in Chapters 7-9 that was not mentioned in the site descriptions, should be included in the final report site descriptions.

70. Tables 23 and 24:

a. All of the prehistoric and some of the historic sites listed in the "no register value" category are recommended to be further tested in the site descriptions section. It seems that not enough information has been gathered on them to determine their National Register or other historic register status. Perhaps the tables can be redone to include a category for (1) potentially significant sites that need further testing, N.R. status: potentially eligible or unknown; (2) non-significant sites that do not need further testing - not eligible for the N.R.; (3) sites that have enough information to determine that they are eligible for the N.R.; and (4) sites that are currently on the N.R. (e.g., 32PB101).

It should be pointed out that recommendations concerning National Register eligibility and significance should be assessed carefully by the Contractor. Once a site has been determined not eligible or not significant a Federal agency does not have any responsibility to deal with that site anymore. This should be kept in mind before it is determined that sites are not eligible for the National Register. In the case of this office, we will independently assess what sites we feel are eligible or ineligible; however, we rely heavily on the Contractor's information and opinion. Other Federal agencies, especially those who do not employ archeologists, will take a Contractor's recommendations and sites that are not considered eligible will not be further studied.

b. Table 24: What does the asterick next to 32PB101 signify?

71. Pp. 279-283, Register Justifications:

a. Please explain which Register each site would be eligible for. What are the requirements for the North Dakota State Register for historic sites? Define what the register is.

b. 32PB19, line 2: Can "18??" be pinned down more than that?

c. P. 280, 32PB37, see comment number 45.c.

d. 32PB101: The Gingras House and Trading Post is currently on the National Register.

e. 32CV11: Is the recommendation for the plant, community, and bridge to be on the register or just the plant?



72. P. 284, Alternative 3: "Pembileir" should be "Pembilier."

73. Pp. 285-200, Site Impacts: Mention which sites have been determined eligible for the N.R. or are potentially eligible.

74. Tables 25-29:

a. After each site number please indicate whether the site is prehistoric and/or historic.

b. Please asterick which sites will be tested further.

c. Table 25, "Probable erosion" category: 32CV217 is not listed although it is discussed under that category on page 287. Eight sites are mentioned and 8 sites are listed, but this does not include number 217.

75. P. 303, Alternative 1: Are the 3 bridges and several houses assessed elsewhere in the report, or included in the site descriptions? If so, maybe these should be more specifically listed as sites or reference the site description that identifies them.

76. Table 31: This does not include all the sites that are recommended for testing, so what is the significance of each site based on? Are these N.R. eligible? It is not clear what the purpose of the table is.

77. Table 32:

a. The 11 Pembina County sites that are listed need to be discussed in the report (survey methods, results, site descriptions, number of sites located, impacts, etc.). Since they are outside the project area maybe they should be listed separately as needing further study, but will not be affected by the project alternatives.

b. The "excavation (probably)" category needs further explanation on how and why those sites were chosen for predicting probable excavation. Is the excavation category mentioned as the recommended/proposed mitigation method? Perhaps the category could be changed to a mitigation category of avoidance, preservation, moving the site, unavoidable excavation, etc., as the most probable and possible fate for each site affected. Some sites will be able to be avoided, and some will be under water.

78. Please add a conclusions, "so what does this all mean," chapter to the report, as was discussed during the 639 contract fieldtrip.

79. Topo maps: Please add the township, range, and complete quad map reference for each map.

80. Report photographs: The draft report photographs are not very clear. Is there some way this can be remedied in the final report?

81. Scope of Work and Technical Proposal:

a. The Scope of Work is missing some pages.

b. Pages 499 and 500 of the technical proposal are out of order.

82. Popular Report: The report should also include a brief summary of the survey methodology, results, research evaluation, impacts, and recommendations. No site locations should be included in this report.

APPENDIX B  
SITE LEADS IN THE PROJECT REGION

## Site Leads

The following is a list of probable prehistoric and historic sites in the project region. The prehistoric site locations were provided by Mr. Carl Kartes of Walhalla and two historic log cabin locations were provided by Mr. Steve Young of the U.S. Department of the Interior, Fish and Wildlife Service in Bismarck, North Dakota. Additional historic sites with extant structures were photographed and recorded by the archeology field crew in 1981.

### Prehistoric Sites

1. T162N, R57W, Section 3, SE $\frac{1}{4}$ , SW $\frac{1}{4}$
2. T162N, R57W, Section 4, SE $\frac{1}{4}$ , NE $\frac{1}{4}$
3. T162N, R57W, Section 4, SE $\frac{1}{4}$ , SE $\frac{1}{4}$
4. T162N, R57W, Section 4, NE $\frac{1}{4}$ , SE $\frac{1}{4}$
5. T162N, R56W, Section 6, NW $\frac{1}{4}$ , SW $\frac{1}{4}$
6. T163N, R57W, Section 24, NE $\frac{1}{4}$ , NW $\frac{1}{4}$
7. T163N, R57W, Section 13, SW $\frac{1}{4}$ , SW $\frac{1}{4}$
8. T163N, R57W, Section 14, NW $\frac{1}{4}$ , NE $\frac{1}{4}$
9. T163N, R57W, Section 11, NW $\frac{1}{4}$ , SW $\frac{1}{4}$
10. T163N, R57W, Section 2, NW $\frac{1}{4}$ , NW $\frac{1}{4}$

### Historic Sites

- |  |   |
|--|---|
| 1. Log Cabin   | T163N, R57W, Section 32, NW $\frac{1}{4}$                       |
| 2. Log Cabin   | T163N, R58W, Section 10, NW $\frac{1}{4}$                       |
| 3. Valmont   | T164N, R57W, Section 30, SW $\frac{1}{4}$ , SE $\frac{1}{4}$    |
|  | or T164N, R57W, Section 31, SE $\frac{1}{4}$ , NW $\frac{1}{4}$ |
| 4. Numedahl Community                                  | T164N, R58W, Section 34, NW $\frac{1}{4}$ , NW $\frac{1}{4}$    |
| 5. Clapboard House (Figure 80b)                        | T164N, R54W, Section 31, NE $\frac{1}{4}$ , NW $\frac{1}{4}$    |
| 6. Clapboard House (Figure 81b)                        | T164N, R54W, Section 31, SW $\frac{1}{4}$ , NW $\frac{1}{4}$    |
| 7. Clapboard House (Figure 81a)                        | T163N, R54W, Section 5, NW $\frac{1}{4}$ , NW $\frac{1}{4}$     |
| 8. Log Church with stucco<br>(Figures 82b, 83a, 83b)   | T162N, R57W, Section 5, NE $\frac{1}{4}$ , NW $\frac{1}{4}$     |
| 9. Log House with stucco<br>(Figure 84b)               | T163N, R57W, Section 32, SE $\frac{1}{4}$ , SE $\frac{1}{4}$    |
| 10. Log School with stucco<br>(Figure 84a)             | T162N, R57W, Section 5, NE $\frac{1}{4}$ , NE $\frac{1}{4}$     |
| 11. Log House with stucco<br>(Figure 82a)              | T163N, R57W, Section 33, NE $\frac{1}{4}$ , SE $\frac{1}{4}$    |
| 12. Bridge Over South Pembina<br>River (Figure 86b)    | T163N, R57W, Section 33, NE $\frac{1}{4}$ , SE $\frac{1}{4}$    |
| 13. Clapboard House and Hand Pump<br>(Figure 85a, 85b) | T163N, R57W, Section 29, NW $\frac{1}{4}$ , NW $\frac{1}{4}$    |

APPENDIX C  
TRANSCRIPTIONS OF GRAVE MARKERS AT HYDE PARK CEMETERY  
AND  
BIOGRAPHICAL INFORMATION

32 Blair, Clayton  
 6 Blair, David  
 7 Blair, Grace Alma (Mrs. David)  
 8 Blair, Mervin Eugene  
 34 Blair, Margaret Ann (Mrs. Wm.)  
 33 Blair, William  
 72 Drader, Hannah  
 73 Drader, Maud B.  
 64 Falardeau, Annie L.  
 107 Fitzsimonds, Eleanor (Mrs. John)  
 107 Fitzsimonds, John  
 106 Fitzsimonds, William H.  
 106 Fitzsimonds, Annie  
 3 Flynn, Chas. D.  
 25 Gainer, James Henry  
 23 Gainer, Irwin E.  
 26 Gainer, Walter W.  
 24 Gainer, Isabella (Mrs. James Henry)  
 27 Gainer, Elisa A.  
 49 Gillies, Violet  
 57 Howell, Jonathan  
 57 Howell, Christianna (Mrs. Jonathan)  
 57 Howell, Albert W.  
 57 Howell, Henry D.  
 5 Hughes, Eli J.  
 4 Hughes, Mary M. (Mrs. Eli J.)  
 2 Hughes, James R.  
 104 Hughes, Nancy  
 88 Hughes, Winnifred  
 101 Hughes, Baby  
 102 Hughes, Effie  
 103 Hughes, Preston  
 104 Hughes, Florence  
 20 Johnson, John C.  
 22 Johnson, Walter H.  
 18 Johnson, Albert  
 19 Johnson, Margaret (Mrs. Albert)  
 12 Johnson, Baby  
 17 Johnson, William H.D.  
 16 Johnson, Annie H. (Mrs. Wm. H.D.)  
 21 Johnson, Sarah (Mrs. John C.)  
 43 Johnson, William  
 44 Johnson, Ann (Mrs. William?)  
 70 Johnston, Will  
 65-66, 68 Johnston, John  
 67 Johnston, Margaret (Mrs. John)  
 69 Johnston, Alex  
 66 Johnston, Robert S.  
 65 Johnston, Edith M. (Mrs. Robert S.)  
 35 Johnston, Hannah  
 28 Kirby, Arnold G.  
 29 Kirby, Louisa  
 62 Kirby, David E.  
 63 Kirby, William E.

87 Kyle, John  
 90 Kyle (see Lettia Kyle McGregor)  
 50 Langton, Annie  
 51 Langton, Frank M.  
 51 Langton, Walter A.  
 51 Langton, (see also Millwood, Lizzie S.)  
 89 MacGregor, Anna  
 90 MacGregor, Lettia Kyle  
 79 McLarty, James  
 56 McLarty, Margaret  
 77 McLarty, William  
 76 McLarty, David  
 74 McLarty, Donald  
 78 McLarty, Catherine  
 54 McLarty, Alexander  
 75 McLarty, Margery (Mrs. Donald)  
 55 McLarty, Isabella (Mrs. Alexander)  
 1 McLeod, Kenneth  
 1 McLeod, Agnes  
 71 McLeod, Baby Boy  
 85 Meyer, Gladys Neilson  
 51 Millwood, Lizzie S.  
 14 Moris, Cora B. Johnson  
 195 Neifeldt, Anna Mary  
 84 Neilson, Benjamin A.  
 84 Neilson, May I. (Mrs. Benj. A.)  
 45 Newell, James  
 46 Newell, Rebecca (Mrs. James)  
 95 Otten, Minnie C. (Mrs. John A.)  
 92 Otten, Eddie L.  
 96 Otten, John A.  
 93 Otten, Hattie  
 94 Otten, S.M.  
 31 Ramsay, William L.  
 30 Sanders, Anna G.  
 91 Schulze, Charles  
 81 Sheaid, George  
 82 Sheard, Mary  
 80 Sheard, John  
 83 Sheard, Wallace  
 97 Sheard, Willie  
 98 Sheard, Joseph  
 99 Sheard, Eliza  
 100 Sheard, Effie  
 53 Shove, George H.  
 52 Shove, Emma (Mrs. F.J.)  
 59 Watts, William  
 58 Watts, Maria (Mrs. Wm.)  
 9 Watts, Maria Blair  
 10 Watts, Margaret A. (Mrs. Harry)  
 11 Watts, Harry  
 60 Watts, William J.  
 61 Watts, Mary J. (Mrs. Wm. J.)  
 15 Watts, Oran

15 Watts, Rose  
13 Johnson, (?) or Watts, Herbert O.  
42 Wessels, Owen  
41 Wessels, Sarah (Mrs. Owen)  
40 Wessels, Ben  
39 Wessels, Mary (Mrs. Ben)  
36 Wessels, Clara (Mrs. Wilfred)  
37 Wessels, Wilfred  
38 Wessels, Barbara Ann  
47 Wright, William  
48 Wright, Catherine (Mrs. Wm.)



HYDE PARK CEMETERY

- 1 McLeod, Kenneth  
1920-1981
- 1 McLeod, Agnes  
1921-
- 2 Hughes, James R.  
Sgt. Army Air Forces  
Oct. 26, 1916 - Sep. 19, 1974
- 3 Flynn, Chas. D.  
Oct. 23, 1883 - Apr. 6, 1940
- 4 Hughes, Mary M.  
Mother (Mrs. Eli J.)  
1891-1952
- 5 Hughes, Eli J.  
Father  
1886-1927
- 6 Blair, David  
Father  
1885-1971
- 7 Blair, Grace Alma  
Mother (Mrs. David)  
1884-1957
- 8 Blair, Mervin Eugene  
son  
1914-1914
- 9 Watts, Maria Blair  
Mar. 9 1835 - Jan. 28 1916  
GONEBUTNOTFORGOTTEN
- 10 Watts, Margaret A. (Mrs. Harry)  
Feb. 26 1863 - Apr. 28 1923
- 11 Watts, Harry  
Dec. 23 1852 - Sep. 17 1910
- 12 Johnson, Baby  
1926-1926
- 13 Johnson(?) or Watts?, Herbert O.  
1884-1971
- 14 Moris Cora B. Johnson  
1894-1968

- 15 Watts, Oran  
1914-1977
- 15 Watts, Rose  
1917-1974
- 16 Johnson, Annie H.  
(Mrs. Wm. H.D.)  
1889-1971
- 17 Johnson, William H.D.  
1880-1961
- 18 Johnson, Albert  
1866-1947
- 19 Johnson, Margaret  
(Mrs. Albert)  
1878-1948
- 20 Johnson, John C.  
Father  
1851-1933
- 21 Johnson, Sarah  
Mother (Mrs. John C.)  
1857-1942
- 22 Johnson, Walter H.  
Sept. 30, 1883 - Aug. 13, 1906
- 23 Gainer, Irwin E.  
North Dakota Corpl. 18 Inf. 1 Div.  
Co. C 164th Inf.  
June 2, 1894 - Oct. 7, 1918  
A Little time on earth be spent,  
Til God to him His angel sent.  
Beneath this stone, in soft repose  
Is laid a mother's dearest pride.  
A flower that sear--had unlied to life,  
And light and beauty, ere it died.
- 24 Gainer, Isabella  
(Mrs. James Henry)  
Feb. 23, 1858 - Nov. 23, 1940
- 25 Gainer, James Henry  
Mar. 11, 1853 - Mar. 6, 1909
- 26 Gainer, Walter W.  
Oct. 8, 1879 - Aug. 30, 1882
- 27 Gainer, Elisa, A.  
March 14, 1877 - April 28, 1887

- 28 Kirby, Arnold G.  
Oct. 21, 1911 - Jan. 19, 1912  
"She was a kind and affectionate wife,  
A fond mother and friend to all."
- 29 Kirby, Louisa  
Wife  
March 16, 1883 - May 30, 1916
- 29 Sanders, Anna G.  
1902-1945
- 31 Ramsay, William L.  
1861-1940
- 32 Blair, Clayton  
Brother  
1883-1967
- 33 Blair, William  
Father  
1889-1960
- 34 Blair, Margaret Ann  
Mother (Mrs. Wm.)  
1886-1930
- 35 Johnston, Hannah  
June 21, 1829 - Feb. 17, 1910
- 36 Wessels, Clara  
Mother (Mrs. Wilfred)  
1883-1965
- 37 Wessels, Wilfred  
Father  
1881-1957
- 38 Wessels, Barbara Ann  
1941-1941
- 39 Wessels, Mary  
(Mrs. Ben)  
1859-1938
- 40 Wessels, Ben  
1857-1923
- 41 Wessels, Sarah  
(Mrs. Owen)  
1832-1915
- 42 Wessels, Owen  
1827-1904

- 43 Johnson, William  
Dec. 26, 1827 - Nov. 19, 1915
- 44 Johnson, Ann  
(Mrs. William?)  
d. Feb. 8, 1902  
Age 76 yrs. 3 mos. (b. 1825)  
"Asleep in Jesus"  
As a wife, devoted;  
As a mother, affectionate;  
As a friend, ever kind and true.
- 45 Newell, James  
Father  
1853-1943
- 46 Newell, Rebecca  
Mother (Mrs. James)  
1858-1932
- 47 Wright, William  
Grandfather  
1806-1898
- 48 Wright, Catherine  
Grandmother  
(Mrs. Wm.)  
1817-1898
- 49 Gillies, Violet  
Nov. 13, 1887 - Apr. 6, 1909  
"At Rest"
- 50 Langton, Annie  
Mother  
Sept. 4, 1853 - Aug. 27, 1901  
"What dear one's voice is smothered here in dust,  
Til waked to join the chorus of the just-  
Lo! one brief line an answer sad implies,  
Honored, beloved and wept, here mother lies."
- 51 Langton  
see also Millwood, Lizzie S.
- 51 Langton, Walter A.  
d. Apr. 14, 1895  
age 6 mos. (b. 1894)
- 51 Millwood, Lizzie S.  
d. May 14, 1895  
age 32 yrs. 11 mos. (b. 1862)

- 51      Langton, Frank M.  
          d. Jan. 23, 1893  
          age 2 yrs. 6 mos. (b. 1890)
- 52      Shove, Emma Eliza  
          (Mrs. F.J.)  
          d. Nov. 28, 1890  
          age 61 yrs. (b. 1829)
- 53      Shove, George H.  
          d. Apr. 30, 1898  
          age 32 yrs. (b. 1866)  
          "GLORY"  
          "Death has been here  
          And borne away  
          A brother from our side  
          Just in the morning of  
          His day in youth and love  
          He died."
- 54      McLarty, Alexander  
          Father  
          b. Scotland 1801  
          d. May 24, 1881
- 55      McLarty, Isabella  
          (Mrs. Alexander) mother  
          b. Scotland 1811  
          d. March 17, 1889
- 56      McLarty, Margaret  
          b. Ontario 1844  
          d. Feb. 11, 1905
- 57      Howell, Henry D.  
          son of Jonathon and Christianna HOWELL  
          d. June 27, 1893  
          age 28 years. 7 ms. 29 days  
          (b. 1864)  
          " A precious one from us has gone  
          A voice we loved is stilled  
          A place is vacant in our home  
          Which never can be filled"
- 57      Howell, Albert W.  
          b. Feb. 23, 1862  
          d. Oct. 9, 1901  
          " We loved him yes, no tongue  
          can tell, how much we  
          loved him and how well  
          God loved him too, and He  
          thought best to take him  
          home with Him to rest."

- 57 Howell, Christianna  
(Mrs. Jonathan)  
b. Mar. 15, 1840  
d. May 16, 1901  
" In death's cold arms lies  
Sleeping here A tender  
parent, a companion dear;  
In love she lived, in peace  
she died. Her life was asked  
but was denied."
- 57 Howell, Jonathan  
b. Jan. 8, 1839  
d. May 5, 1901  
"The pains of death are past,  
Labor and sorrow cease  
And life's long warfare  
closed at last.  
His soul is found in peace."
- 58 Watts, Maria  
(Mrs. Wm.)  
1815-1894
- 59 Watts, William  
1809-1891
- 60 Watts, William J.  
1849-1939
- 61 Watts, Mary J.  
(Mrs. Wm. J.)  
1860-1952
- 62 Kirby, David E.  
August 12, 1877  
Aug. 30, 1895
- 63 Kirby, William E.  
b. Feb. 10, 1861  
d. July 25, 1894  
" A light from our house-  
hold is gone. A voice we  
loved is stilled.  
A place is vacant in our  
hearts, Which never  
can be filled."
- 64 Falardeau, Annie L.  
d. June 12, 1897  
age 13 yrs. 6 mos. 10 days  
(b. 1884)

- 65      Johnston, Edith M.  
          (Mrs. Robert S.)  
          1891-1977)
- 66      Johnston, Robert S.  
          1883-1943
- 67      Johnston, Margaret  
          (Mrs. John) Mother  
          1851-1932
- 65-66, 68      Johnston, John  
                  Father  
                  b. March 26, 1848  
                  d. March 24, 1900  
                  "His toils are past, his  
                  work is done,  
                  He fought the fight-the  
                  victory won."
- 69      Johnston, Alex  
          1875-1906
- 70      Johnston, Will  
          1876-1930
- 71      McLeod, Baby Boy  
          1978
- 72      Drader, Hanna  
          1831-1904  
          "Weep not; she is not  
          dead, but sleepeth-  
                  Luke, viii.52"
- 73      Drader, Maud B.  
          1882-1903
- 74      McLarty, Donald  
          Father  
          1840-1932
- 75      McLarty, Margery  
          Mother (Mrs. Donald)  
          1849-1939
- 76      McLarty, David  
          1884-1960
- 77      McLarty, William  
          1882-1969
- 78      McLarty, Catherine  
          1887-1971

- 79      McLarty, James  
         1877-1957
- 80      Sheard, John  
         June 24, 1885  
         Nov. 27, 1960
- 81      Sheard, George  
         Nov. 15, 1844  
         Sept. 17, 1919
- 82      Sheard, Mary  
         May 11, 1854  
         Nov. 8, 1938
- 83      Sheard, Wallace  
         May 11, 1881  
         Nov. 17, 1923
- 84      Neilson, May I.  
         (Mrs. Benj. A.)  
         1885-1959
- 84      Neilson, Benjamin A.  
         1875-1954
- 85      Meyer, Gladys Neilson  
         1908-1977
- 86      Fitzsimonds, James  
         d. Feb. 2, 1906  
         age 73 years (b. 1823)  
         "His toils are past,  
         His work is done,  
         He fought the fight-  
         the victory won."
- 87      Kyle, John  
         d. Oct. 31, 1899  
         age 84 years (b. 1815)  
         " Affection's tribute here I  
         raise. 'Tis all that I can do,  
         Till death shall close my  
         earthly days.  
         Our friendship to renew."
- 88      Hughes, Winnifred  
         b. July 31, 1882  
         d. Nov. 20, 1904  
         " In my Father's house are  
         many mansions.  
         John xiv, 2."



- 89 MacGregor, Anna  
b. Dec. 12, 1880  
d. Jan 9, 1905  
" Asleep in Jesus."
- 90 Kyle see Lettia Kyle MacGregor
- 90 MacGregor, Lettia Kyle  
1858-1918
- 91 Schulze, Charles  
d. Oct. 5, 1881  
age 65 yrs. 9 mos. (b. 1816)  
"Two pilgrims for the holy land  
Have left our lonely door,  
Two sinless angles, hand in hand  
Have reached the promised shore."
- 92 Otten, Eddie L.  
d. Dec. 7, 1877  
age 10 mos. 1 day (b. 1877))
- 93 Otten, Hattie  
d. Dec 12, 1877  
age 2 yrs. 10 mos. 6 days  
(b. 1875)  
"And I heard a voice from heaven  
Saying unto me. Write. Blessed are the  
dead which die in the Lord from  
henceforth: Yea saith the Spirit. that  
they may rest from their labours:  
and their works do follow them."
- 94 Otten, M.S. ?  
associated with Otten
- 95 Otten, Minnie C.  
Mother (Mrs. John A.)  
1851-1935
- 96 Otten, John A.  
1844-1934
- 97 Sheard, Willie  
b. Jan 8, 1887  
d. Aug. 10, 1888

- 98      Sheard, Joseph  
          b. April 17, 1891  
          d. March 22, 1893  
          "Rest here sweet babe,  
          till He appears  
          Who took thee in they  
          tender years;  
          From your fond parents'  
          arms and care;  
          In Heavenly bliss His  
          love to share."
- 99      Sheard, Eliza  
          b. Sept. 7, 1878  
          d. April 23, 1882
- 100     Sheard, Effie  
          b. Nov. 29, 1879  
          d. May 3, 1882
- 101     Hughes, Baby  
          1883-1883
- 102     Hughes, Effie  
          1887-1891
- 103     Hughes, Preston  
          1900-1908
- 104     Hughes, Florence  
          d. Nov. 4, 1877  
          age 2 yrs. 9 mos. (b. 1875)  
          "Only sleeping"
- 104     Hughes, Nancy  
          d. May 8, 1901  
          age 45 yrs. 10 mos. (b. 1855)  
          "She hath done what  
          she could.- Mark xiv"
- 105     Neifeldt, Anna Mary  
          b. April 29, 1888  
          d. April 15, 1920
- 106     Fitzsimonds, Annie  
          d. March 11, 1893  
          age 3 mos. 15 days (b. 1892)  
          "Another link is broken  
          In our household band.  
          But a chain is forming  
          In a better land."

- 106      Fitzsimonds, William R.  
         d. Dec. 27, 1896  
         age 18 yrs. (b. 1878)
- 107      Fitzsimonds, John  
         Father  
         1849-1931
- 107      Fitzsimonds, Eleanor  
         Mother (Mrs. John)  
         1852-1927

HYDE PARK CEMETERY  
BIOGRAPHICAL INFORMATION  
(Alphabetically by family)

Stone #6

DAVID BLAIR

Birthdate: January 13, 1885

Deathdate: 1871

Birthplace: Blairhampton, Ontario

Parents: William Blair and Martha Minaker

Spouse: Grace Alma Wessels (#7); Second wife Ruby Pritchard

Children: Mervin Eugene (#8); Merle Francis, Edna Mae, James Leslie, Percy  
Lyle.

Other Information: Was active in the Hyde Park Presbyterian Church.

Sources: (Neché-Bathgate History Book Committee 1976:65)

Stone #7

GRACE ALMA BLAIR

Birthdate: 1884

Deathdate: 1957

Birthplace: Ontario

Parents: Benjamin Wessels (#40) and Mary Emily Drader (#39)

Spouse: David Blair (#6)

Children: Mervin Eugene (#8), Merle Francis, Edna Mae, James Leslie, Percy  
Lyle.

Other Information: Was active in the Hyde Park Presbyterian Church.

Sources: (Neché-Bathgate History Book Committee 1976:65,72)

Stone #8

MERVIN EUGENE BLAIR

Birthdate: 1914

Deathdate: 1914

Birthplace: Hyde Park Homestead

Parents: David Blair and Grace Alma Wessels

Spouse:

Children:

Other Information: Was twin of Merle Francis Blair.

Sources: (Neché-Bathgate History Book Committee 1976:65)

Stone #34

MARGARET ANN BLAIR ("ANNIE")

Birthdate: 1886

Deathdate: 1930

Birthplace: Ontario

Parents: John and Margaret Johnston(e) (#67,63)

Spouse: William Blair (#33)

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69)

Stone #33

WILLIAM BLAIR

Birthdate: 1889

Deathdate: 1960

Birthplace:

Parents:

Spouse: Margaret Ann Johnston(e)

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69)

Stone #72

HANNAH DRADER

Birthdate: 1831

Deathdate: January 5, 1904

Birthplace:

Parents: Youmans

Spouse:

Children: Mary Emily Drader (#39), Ernest Drader

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:72)

Stone #107

JOHN HENRY FITZSIMONDS

Birthdate: September 9, 1849

Deathdate: 1931

Birthplace: Ornstown, Quebec

Parents: Henry Fitzsimonds and Catherine Morrison

Spouse: Eleanor Johnstone (#107)

Children: Alex, Margaret (Mrs. Edgar Newell), James, William (#106), Mary Ellen (Mrs. Arthur O'Keefe), Annie (#106) and Robert

Other Information: Came to Hyde Park in 1890 to farm. Later moved to farm near Leroy. Operated 5 steam threshing machines. Owned land in sections 25, 26 and 34, R55W T164N.

Sources: (Neché-Bathgate History Book Committee 1976:66; Ensign 1893:92-3)

Stone #107

ELEANOR FITZSIMONDS

Birthdate: 1852

Deathdate: 1927

Birthplace:

Parents: Johnstone

Spouse: John Henry Fitzsimonds

Children: Alex, Margaret (Mrs. Edgar Newell), James, William (#106), Mary Ellen (Mrs. Arthur O'Keefe), Annie (#106) and Robert

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:66)

Stone #106

ANNIE FITZSIMONDS

Birthdate: 1892

Deathdate: March 11, 1893

Birthplace: Hyde Park

Parents: John Henry Fitzsimonds (#107) and Eleanor Johnstone (#107)

Spouse:

Children:

Other Information:

Sources: (Neché Bathgate History Book Committee 1976:66)

Stone #106

WILLIAM FITZSIMONDS

Birthdate: 1878

Deathdate: December 27, 1896

Birthplace: Ontario(?)

Parents: John Henry Fitzsimonds (#107) and Eleanor Johnstone (#107)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:66)

Stone #3

CHARLES D. FLYNN

Birthdate: October 23, 1883

Deathdate: April 6, 1940

Birthplace:

Parents: Mr. and Mrs. Timothy Flynn

Spouse: Never married.

Children:

Other Information: Lived on parents' homestead after they moved west.

Sources: (Chronotype Express April 12, 1940)

Stone #24

ISABELLA A. GAINER

Birthdate: February 23, 1858

Deathdate: November 23, 1940

Birthplace: Cobourn, Ontario

Parents: Mr. and Mrs. William Johnson

Spouse: James Henry Gainer (#25)

Children: James Wilford, Wallace, Irwin E. (#23), Ethel (Mrs. Archie Hughes), Pearl (Mrs. Merle Gilroy).

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:66; Chronotype Express Nov. 29, 1940)

Stone #25

JAMES HENRY GAINER

Birthdate: March 11, 1853

Deathdate: March 6, 1909

Birthplace:

Parents:

Spouse: Isabella A. Johnson

Children: James Wilford, Wallace, Irwin E. (#23), Ethel (Mrs. Archie Hughes), Pearl (Mrs. Merle Gilroy).

Other Information: Owned land in Section 27 R55W T164N.

Sources: (Neché-Bathgate History Book Committee 1976:66; Ensign 1893:92-3)

Stone #23

IRWIN E. GAINER

Birthdate: June 2, 1894

Deathdate: October 17, 1918

Birthplace: Hyde Park

Parents: James Henry Gainer (#25) and Isabella A. Johnson (#24)

Spouse:

Children:

Other Information: Killed in WWI. Corporal Co. C 164th Inf. N.D.

Sources: (Chronotype Express Nov. 29, 1940)

Stone #5

ELI J. HUGHES

Birthdate: August 20, 1889 (stone:1886)

Deathdate: 1927

Birthplace: Felson twp. Pembina Co., N.D.

Parents: James H. Hughes and Nancy Flynn (#104)

Spouse: Mary M. Latozke (#4)

Children: Hume, James R. (#2), Lylia (Mrs. Henry Vondal), and Lillian (Mrs. Frank Guenther).

Other Information: Settled on the Hughes family tree claim farm.

Sources: (Neché-Bathgate History Book Committee 1976:67,68)

Stone #4

MARY M. HUGHES

Birthdate: 1891

Deathdate: 1952

Birthplace:

Parents: Latozke

Spouse: Eli J. Hughes (#5)

Children: Hume, James R. (#2), Lylia (Mrs. Henry Vondal), and Lillian (Mrs. Frank Guenther)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:67)

Stone #2

JAMES R. HUGHES

Birthdate: October 26, 1916

Deathdate: September 19, 1974

Birthplace: Hyde Park

Parents: Eli J. Hughes (#5) and Mary M. Latozke (#4)

Spouse: Gertrude

Children: James E., William E.

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:67)

Stone #104

NANCY HUGHES

Birthdate: 1855

Deathdate: May 8, 1901

Birthplace:

Parents: Flynn

Spouse: James H. Hughes

Children: Archie, Eva (Mrs. Wm. McConnell), Vina (Mrs. J.V. Smith), Harry, Eli (#5), and Ira.

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:67-68)

Stone #20

JOHN C. JOHNSON

Birthdate: 1851

Deathdate: 1933

Birthplace:

Parents: Mr. and Mrs. William Johnson

Spouse: Sara Watts (#21)

Children: William, Ernest, Walter (#22), Ella, Grace, Herbert and Cora (#14)

Other Information: Arrived at Grant House 1879. Homesteaded half mile south of Grant's. Brother of Albert Johnson (#18), Isabella Gainer (#24), and Mary Jane Watts (#61). Active in the Hyde Park Presbyterian Church. First log schoolhouse located on his land.

Sources: (Neché-Bathgate History Book Committee 1976:69,95)

Stone #21

SARAH JOHNSON

Birthdate: 1857

Deathdate: 1942

Birthplace:

Parents: William Watts (#59) and Marie Ogle (#58)

Spouse: John C. Johnson (#20)

Children: William, Ernest, Walter (#22), Ella, Grace, Herbert and Cora (#14)

Other Information: Sister of William J. Watts (#60)

Sources: (Neché-Bathgate History Book Committee 1976:69; Chronotype Express 7-6-39:1)



Stone #22

WALTER H. JOHNSON

Birthdate: September 30, 1883

Deathdate: August 13, 1906

Birthplace: Hyde Park

Parents: John C. Johnson (#20) and Sarah Watts (#21)

Spouse:

Children:

Other Information: Died of typhoid pneumonia. Brother of Cora Meyer (#85).

Sources: (Neché-Bathgate History Book Committee 1976:69; Walhalla Mountaineer Aug. 17, 1906)

Stone #18

ALBERT JOHNSON

Birthdate: 1866

Deathdate: July 26, 1947

Birthplace:

Parents: Mr. and Mrs. William Johnson

Spouse: Margaret Newell (#19)

Children: Myrtle (Paton) and Russell

Other Information: Brother of John C. Johnson (#20), Isabella Gainer (#24), and Mary Jane Watts (#61).

Sources: (Neché-Bathgate History Book Committee 1976:68,69)

Stone #19

MARGARET JOHNSON ("MAGGIE")

Birthdate: March 8, 1878

Deathdate: 1948

Birthplace: Gilert, Ontario

Parents: Mr. and Mrs. James Newell (#45,#46)

Spouse: Albert Johnson (#18)

Children: Myrtle (Paton) and Russell

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:68,70)

Stone #69

ALEX JOHNSTON(E)

Birthdate: 1875

Deathdate: 1906

Birthplace: Ontario

Parents: John Johnston(e) (#68) and Margaret Fitzsimmonds (#67)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69; Chronotype Express Nov. 17, 1932)

Stone #70

WILL JOHNSTON(E)

Birthdate: 1876

Deathdate: 1930

Birthplace: Ontario

Parents: John Johnston(e) and Margaret Fitzsimmonds (#67)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69; Chronotype Express Nov. 17, 1932)

Stone #68

JOHN JOHNSTON(E)

Birthdate: March 26, 1848

Deathdate: March 24, 1900

Birthplace:

Parents:

Spouse: Margaret Fitzsimmonds (#67)

Children: Annie (Mrs. Wm. Blair) (#34), Mary (Mrs. Tom Chambers), Francis (Mrs. Wesley Hoover), Hannah, Alex (#69), William (#70) and Robert (#66)

Other Information: Were married in Minden, Ontario 1872. Came to Hyde Park area 1889 where they farmed.

Sources: (Neché-Bathgate History Book Committee 1976:69; Chronotype Express Nov. 17, 1932)

Stone #67

MARGARET JOHNSTON(E)

Birthdate: January 31, 1851

Deathdate: November 1932

Birthplace: Armstrong, Quebec

Parents: Fitzsimmonds

Spouse: John Johnston(e) (#68)

Children: Annie (Mrs. Wm. Blair) (#34), Mary (Mrs. Tom Chambers), Francis (Mrs. Wesley Hoover), Hannah, Alex (#69), William (#70) and Robert (#66)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69; Chronotype Express 11-17-32:1)

Stone #66

ROBERT S. JOHNSTON(E)

Birthdate: 1883

Deathdate: 1943

Birthplace: Ontario

Parents: John Johnston(e) (#68) and Margaret Fitzsimmonds (#67)

Spouse: Edith M. (#65)

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69; Chronotype  
Express 11-17-32:1)

Stone #77

WILLIAM MCLARTY

Birthdate: 1882

Deathdate: 1969

Birthplace: Hyde Park

Parents: Donald McLarty (#74) and Margery Chambers (#75)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:70)

Stone #78

CATHERINE MCLARTY

Birthdate: 1887

Deathdate: 1971

Birthplace: Hyde Park

Parents: Donald McLarty (#74) and Margery Chambers (#75)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:70)

Stone #79

JAMES MCLARTY

Birthdate: 1877(?)

Deathdate: 1957

Birthplace:

Parents: This is probably the son of Donald and Margery McLarty, but  
inscription date illegible.

Spouse:

Children:

Other Information:

Sources:

Stone #54

ALEXANDER MCLARTY

Birthdate: 1801

Deathdate: May 24, 1881

Birthplace: Scotland

Parents:

Spouse: Isabella McLarty (#55)

Children: Probably Donald McLarty (#74)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69)

Stone #74

DONALD MCLARTY

Birthdate: November 2, 1840

Deathdate: 1932

Birthplace: Darlington, Ontario

Parents: Probably Alexander and Isabella McLarty (#54,55)

Spouse: Marjory (Margery) Chambers (#75)

Children: Alexander, James (#79), Margret (Margaret) (#56), Donald, Christina (Mrs. D. Chandler), William (#77), David (#76), Catherine (#78), Maria (Mrs. J. Berard), and Dougald.

Other Information: Settled in Hyde Park area 1879. Second Hyde Park school located on his land.

Sources: (Neché-Bathgate History Book Committee 1976:69-70; Ensign 1893:92-3)

Stone #75

MARGERY MCLARTY

Birthdate: 1849

Deathdate: 1939

Birthplace: Alyth, Scotland

Parents: Chambers

Spouse: Donald McLarty (#74)

Children: Alexander, James (#79), Margret (Margaret) (#56), Donald, Christina (Mrs. D. Chandler), William (#77), David (#76), Catherine (#78), Maria (Mrs. J. Berard), and Dougald.

Other Information: Settled in Hyde Park area 1879.

Sources: (Neché-Bathgate History Book Committee 1976:69-70)

Stone #76

DAVID MCLARTY

Birthdate: 1884

Deathdate: 1960

Birthplace: Hyde Park

Parents: Donald McLarty (#74) and Margery Chambers (#75)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:70)

Stone #55

ISABELLA MCLARTY

Birthdate: 1811

Deathdate: March 17, 1889

Birthplace: Scotland

Parents:

Spouse: Alexander McLarty (#54)

Children: Probably Donald McLarty (#74)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:69)

Stone #85

GLADYS NEILSON MEYER

Birthdate: 1908

Deathdate: 1977

Birthplace: Hyde Park area

Parents: Benjamin Austin Neilson (#84) and May I. McGregor (#84)

Spouse: William Meyer

Children: Dean

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:70)

Stone #14

CORA B. JOHNSON MORIS

Birthdate: 1894

Deathdate: 1968

Birthplace: Hyde Park

Parents: John C. Johnson (#20) and Sarah Watts (#21)

Spouse: Godfrey Moris

Children:

Other Information: Sister of Walter Johnson (#22)

Sources: (Neché-Bathgate History Book Committee 1976:69; Chronotype  
Express 10-30-42)

Stone #84

BENJAMIN AUSTIN NEILSON

Birthdate: March 13, 1875

Deathdate: 1954

Birthplace: Minden, Ontario

Parents: Hugh L.C. Neilson and Margaret Austin, both from Ireland.

Spouse: Mary I. McGregor (#84)

Children: Gladys (Mrs. Bill Meyer) (#85)

Other Information: Lived on Neilson family homestead claimed in 1879, in  
Section 35, R55W, T164N.

Sources: (Neché-Bathgate History Book Committee 1976:70; Ensign 1893:92-3)

Stone #84

MAY I. NEILSON

Birthdate: October 5, 1885

Deathdate: 1959

Birthplace: Ontario

Parents:

Spouse: Benjamin Austin Neilson (#84)

Children: Gladys (Mrs. Bill Meyer) (#85)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:70)

Stone #45

JAMES NEWELL

Birthdate: 1853

Deathdate: 1943

Birthplace:

Parents:

Spouse: Rebecca Ann Wright (#46)

Children: William, Maggie (Mrs. Albert Johnson) (#19), Ed

Other Information: Came to area 1883 from Ontario; took over Wright homestead. Was one of last homesteads in fractional boundary quarter sections. Was 1/8 mi. wide and 2 mi. long in sections 28 and 29 R55W T164N.

Sources: (Neché-Bathgate History Book Committee 1976:70; Ensign 1893:92-3)

Stone #46

REBECCA ANN NEWELL

Birthdate: 1858

Deathdate: 1932

Birthplace:

Parents: Mr. & Mrs. William Wright (#47,48)

Spouse: James Newell (#45)

Children: William, Maggie (Mrs. Albert Johnson) (#19), Ed

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:70)

Stone #96

JOHN A. OTTEN

Birthdate: April 17, 1844

Deathdate: February 21, 1934

Birthplace: Marietta, Ohio

Parents:

Spouse: Minnie Schultze (#95)

Children: Hattie (#93), Edward (#92), Henry, John G., Ben, & Annie (Mrs. J.E. Neifeldt)

Other Information: Enlisted in Union Army. Was with Sherman in March from Atlanta to the sea. May 1869 was stationed at Smuggler's Point as customs collector. First Smugglers Point postmaster, one of first county commissioners and Justice of the Peace. In 1888 purchased Smugglers Point from Charles Wheeler. Platted townsite of Ottenton west of port of entry but never developed. Member M.E. Church, K.P. Lodge, a charter member of Masonic order at Pembina, member Parden Post No. 12 at Pembina. Owned land in several sections.

Sources: (Neché-Bathgate History Book Committee 1976:37; Chronotype Express 3-1-34:1; Chronotype Express 12-5-35:1; Ensign 1893:92-3)

Stone #95

MINNIE C. OTTEN

Birthdate: 1851

Deathdate: November, 1935

Birthplace: Wisconsin

Parents: Mr. & Mrs. Jacob Schultz(e)

Spouse: John A. Otten (#93)

Children: Hattie (#93), Edward (#92), Henry, John G., Ben, and Annie (Mrs. J.E. Neifeldt)

Other Information: Moved with parents from Wisconsin to Henderson, Minn. where she married Otten in 1870.

Sources: (Neché-Bathgate History Book Committee 1976:37; Chronotype Express 3-1-34:1; Chronotype Express 12-5-35:1)

Stone #92

EDDIE L. OTTEN

Birthdate: 1877

Deathdate: December 7, 1877

Birthplace: Hyde Park area

Parents: John A. Otten (#96) and Minnie C. Schultz(e) (#95)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:37)

Stone #93

HATTIE OTTEN

Birthdate: 1875

Deathdate: December 12, 1877

Birthplace: Hyde Park area

Parents: John A. Otten (#96) and Minnie C. Schultz(e) (#95)

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:37)

Stone #30

ANNA G. SANDERS

Birthdate: 1902

Deathdate: 1945

Birthplace:

Parents: George and Agnes Guenther

Spouse: Philip Sanders

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:66)

Stone #82

MARY SHEARD (SHERARD)

Birthdate: May 11, 1854

Deathdate: November 8, 1938

Birthplace: Scotland

Parents:

Spouse: George Sheard (Sherard) (#81)

Children: John (#80), Mrs. Oliver Hughes, Mrs. Oscar Foxen, Mrs. W.H. Johnson

Other Information: Moved with parents from Scotland to Singhampton, Ontario in 1855. Married in 1876 and homesteaded west of Neche.

Sources: (Chronotype Express 11-17-38:1)

Stone #81

GEORGE SHEARD (SHERARD)

Birthdate: November 15, 1844

Deathdate: September 17, 1919

Birthplace:

Parents:

Spouse: Mary (#82)

Children: John (#80), Mrs. Oliver Hughes, Mrs. Oscar Foxen, Mrs. W.H. Johnson

Other Information: Homesteaded 1876 west of Neche. Owned narrow strip of fractional sections along border north of Hyde Park cemetery.

Sources: (Chronotype Express 11-17-38:1; Ensign 1893:92-3)



Stone #10

MARGARET A. WATTS

Birthdate: February 26, 1863

Deathdate: April 28, 1923

Birthplace:

Parents: Mr. & Mrs. Blair

Spouse: Harry Watts (#11)

Children:

Other Information: Was David Blair's (#6) aunt.

Sources: (Neché-Bathgate History Book Committee 1976:65)

Stone #60

WILLIAM J. WATTS

Birthdate: March 31, 1849 (1848)

Deathdate: July 6, 1939

Birthplace: London, England

Parents: William Watts (#59) and Marie Ogle (#58)

Spouse: Mary Jane Johnson (#61)

Children: Herbert E., Ward E., Nora (Mrs. Mulqueeny)

Other Information: Moved with parents from England to Ontario. 1879 visited brother-in-law J.C. Johnson (#20) and filed homestead. 1897 erected modern house to replace log building. Assisted in organization of St. Joseph twp. & held several offices including clerk and county commissioner. Served in the state House of Representatives 1899-1903 and 1907-09. Owned SW¼ Section 34 R55W T164N.

Sources: (Neché-Bathgate History Book Committee 1976:71; Chronotype Express 7-6-39:1; WPA Interview n.d.:Watts; Ensign 1893:92-3)

Stone #61

MARY JANE WATTS

Birthdate: August, 1860

Deathdate: August 2, 1952

Birthplace: Minden, Ontario

Parents: Mr. & Mrs. William Johnson

Spouse: William J. Watts (#60)

Children: Herbert E., Ward E., Nora (Mrs. Mulqueeny)

Other Information: Sister of Isabella Gainer (#24), John C. Johnson (#20), and Albert Johnson (#18). Married W.J. Watts in Emerson, Manitoba July 12, 1881.

Sources: (Neché-Bathgate History Book Committee 1976:71; Chronotype Express 7-6-39:1)

Stone #59

WILLIAM WATTS

Birthdate: 1809

Deathdate: 1891

Birthplace:

Parents:

Spouse: Maria Ogle (#58)

Children: William J. Watts (#60)

Other Information: Moved from England to Ontario in 1859

Sources: (Chronotype Express 7-6-39:1)

Stone #58

MARIA WATTS

Birthdate: 1815

Deathdate: 1894

Birthplace:

Parents: Mr. & Mrs. Ogle

Spouse: William Watts (#59)

Children: William J. Watts (#60)

Other Information:

Sources: (Chronotype Express 7-6-39:1)

Stone #15

ORAN WATTS

Birthdate: 1914

Deathdate: 1977

Birthplace: Hyde Park

Parents: Herbert Watts and Gertrude Burt

Spouse:

Children:

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:72)

Stone #40

BENJAMIN WESSELS

Birthdate: 1857

Deathdate: 1923

Birthplace: Ontario

Parents: Owen and Sarah Wessels (#41,42)

Spouse: Mary Emily Drader (#39)

Children: Percy A., Grace Alma (Mrs. David Blair) (#7), Eva Mae (Mrs. James Howell)

Other Information: Moved to Hyde Park from Trenton, Ontario in 1887.

Active in Hyde Park Presbyterian Church

Sources: (Neché-Bathgate History Book Committee 1976:72)

Stone #39

MARY WESSELS

Birthdate: 1859

Deathdate: August, 1938

Birthplace: Bellville, Ontario

Parents: Mr. Drader and Hannah Youmans (#72)

Spouse: Benjamin Wessels (#40)

Children: Percy A., Grace Alma (Mrs. David Blair) (#7), Eva Mae (Mrs. James Howell)

Other Information: Moved from Trenton, Ontario to join husband in 1888.

Active in Hyde Park Presbyterian Church.

Sources: (Neché-Bathgate History Book Committee 1976:72; Chronotype Express 9-1-38:1)

Stone #42

OWEN WESSELS

Birthdate: 1827

Deathdate: 1904

Birthplace:

Parents:

Spouse: Sarah (#41)

Children: Benjamin Wessels (#40)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:72)

Stone #41

SARAH WESSELS

Birthdate: 1832

Deathdate: 1915

Birthplace:

Parents:

Spouse: Owen Wessels (#42)

Children: Benjamin Wessels (#40)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:72)

Stone #47

WILLIAM WRIGHT

Birthdate: 1806

Deathdate: 1898

Birthplace:

Parents:

Spouse: Catherine (#48)

Children: Rebecca Ann (Mrs. James Newell) (#46)

Other Information: One of the last homesteaders. Only land left was the fractional quarter sections 1/8 mi. wide and 2 mi. long.

Sources: (Neché-Bathgate History Book Committee 1976:70)

Stone #48

CATHERINE WRIGHT

Birthdate: 1817

Deathdate: 1898

Birthplace:

Parents:

Spouse: William Wright (#47)

Children: Rebecca Ann (Mrs. James Newell) (#46)

Other Information:

Sources: (Neché-Bathgate History Book Committee 1976:70)

APPENDIX D

Site Forms

**FIELD MANUAL  
NDCRS ARCHEOLOGY SITE FORM**

**CM DENSITY**

0. No cultural material observed
1. Sparse distribution
2. Medium distribution
3. Dense distribution
4. Unknown
5. Medium-dense concentration(s) within a sparse scatter
6. Dense concentration(s) within a medium scatter
7. Denser concentration(s) within a dense scatter

**LANDFORM 1**

0. Unknown
1. Top of
2. Bottom of
3. Side of
4. Unknown
5. Top and Bottom of
6. Top and Side of
7. Bottom and Side of
8. Top, Bottom, & Side

**VIEW, DEGREE**

0. Unknown
1. 90°
2. 180°
3. 270°
4. 360°
5. No View

**SEAS & PERM WATER TYPE**

0. Unknown
1. Lake
2. Spring
3. Moving Water (Stream)
4. Intermittent Moving Water
5. Intermittent Pond
6. Marsh
0. WERSHIP
0. U. known
1. State
2. Federal
3. Private
4. Local Government
5. Reservation

**RECOMMENDATIONS**

0. Unknown
1. No Further Work
2. Further Evaluation
3. Impact Analysis
4. Both 2 & 3
5. Avoidance-Mitigation
6. Exclusion-Preservation

**AREA SIGNE**

1. Archeologic
2. Archeo/Architectural
3. Archeo/Historic
4. Paleontologic

**LANDFORM 2**

0. Unknown
1. Beachline(glacial)
2. Beach or riverbank
3. Canyon
4. Island
5. Delta
6. Draw
7. Flat(Upland)
8. Floodplain
9. Hill
10. Ridge
11. Saddle
12. Sandbar
13. Spur
14. Swale
15. Terrace
16. Butte
17. Other
18. Other

**DEPTH INDICATOR**

0. Not applicable
1. Auger
2. Cutbank or Erosional Feature
3. Excavation
4. Guess
5. Shovel
6. Soil Probe
7. Other

**SLOPE/EXPOSURE**

0. Unknown
1. North
2. Northeast
3. East
4. Southeast
5. South
6. Southwest
7. West
8. Northwest
9. Closed
10. Open

**VIEW, DISTANCE**

0. Unknown
1. Excellent(5-7 miles)
2. Good(2-5 miles)
3. Fair(1-2 miles)
4. Poor( <1 mile)
5. No View

**ECOSYSTEM**

0. Unknown
1. Bottomland
2. Terraces
3. Toe Slope
4. Scoria
5. Badland
6. Upland
7. Rolling
8. Hardwood Draw
9. Marsh
10. Ponderosa Pine
11. Hilly Scoria
12. Upland Breaks
13. River Breaks
14. Rockland

**CONDITION**

0. Unknown
1. Destroyed
2. Impaired
3. Very Poor
4. Poor
5. Fair
6. Good
7. Excellent

**COLLECTION**

0. No Cultural Material
1. C M but no Collection
2. Systematic Collection
3. Non-Systematic
4. Completely Collected
5. Unknown

**TEST & EXCAVATION**

0. No
1. Yes, Results Positive
2. Yes, Results Negative
3. Unknown

**CR TYPE**

0. Unknown
1. Site
2. Building
3. Structure
4. Other

**NAT'L & STATE REGISTER**

0. Undetermined
1. Listed
2. Nominated
3. Eligible
4. Other

**CULTURAL/TEMPORAL AFFILIATION**

**PALEO**

0. No
1. Yes - unspecified
2. Pre-Clovis
3. Clovis
4. Folsom
5. Plano
6. Post-Plano

**ARCHAIC**

0. No
1. Yes - unspecified
2. Early Large Side-Notched
3. McKean/Duncan/Hanna
4. Oxbow
5. Pelican Lake
6. Besant
7. Pre-Ceramic
8. Early Woodland
9. Middle Woodland

**LATE PREHISTORIC**

0. No
1. Yes - unspecified
2. Avonlea
3. Late Woodland (generalized)
4. Arvilla
5. Blackduck
6. DevilsLake/Sourisford Compl
7. Plains Village Tradition
8. Plains Nomadic

**HISTORIC**

0. No
1. Yes-unspecified
2. Arapaho
3. Arikara
4. Assiniboine
5. Blackfoot
6. Cheyenne
7. Chippewa
8. Cree
9. Crow
10. Euro-Am
11. Hidatsa
12. Mandan
13. Pawnee
14. Sioux
15. Other

**BASIS FOR DATING**

0. Unknown
1. Date Unknown
2. Radio-carbon
3. Typology
4. Dendrochronology
5. Thermoluminescence
6. Geology (Stratigraphy)
7. Patination
8. Professional Judgement
9. Both Absolute & Relative

**E.C.F. AND T.F.**

1. Exclusion Area
2. Avoidance Area
3. Area of Concern

U.S. SITE FORM  
ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code	SITS #		State	County	Site Number		
<u>1</u> <u>10</u>	<u>3</u> <u>2</u>	<u>11</u> <u>13</u>	<u>15</u> <u>18</u>				
Site Name	LTL	Twp	R	Sec	QQQ	QQ	Q
<u>19</u> <u>38</u>	<u>39</u> <u>40</u>			<u>47</u> <u>48</u> <u>49</u> <u>50</u>			
Map Quad	LTL <sub>a</sub>	Twp <sub>a</sub>	R <sub>a</sub>	Sec <sub>a</sub>	QQQ <sub>a</sub>	QQ <sub>a</sub>	Q <sub>a</sub>
<u>51</u> <u>68</u>	<u>69</u> <u>70</u>			<u>77</u> <u>78</u> <u>79</u> <u>80</u>			

1. N<sub>1</sub>
2. E<sub>1</sub>
3. Q<sub>1</sub>
4.
5. NE<sub>1</sub>
6. SE<sub>1</sub>
7. SW<sub>1</sub>
8. NW<sub>1</sub>
9. C

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
<u>1</u> <u>  </u> Conical Timber Lodge	<u>2</u> <u>  </u> Bone (worked)	<u>5</u> <u>  </u> 12 m <sup>2</sup>		
<u>3</u> <u>  </u> CM Scatter	<u>4</u> <u>  </u> Ceramics (Native)			
<u>13</u> <u>  </u> Earthlodge Village	<u>14</u> <u>  </u> Charcoal			
<u>15</u> <u>  </u> Earthworks	<u>16</u> <u>  </u> Copper (Native)	Cultural Depth		
<u>17</u> <u>  </u> Fortification	<u>18</u> <u>  </u> Faunal Remains (skeletal)	<u>19</u> <u>  </u> 21		
<u>22</u> <u>  </u> Grave	<u>23</u> <u>  </u> Fire Cracked Rock			
<u>24</u> <u>  </u> Hearth	<u>25</u> <u>  </u> Floral Remains	Depth Indicator		
<u>26</u> <u>  </u> Jump	<u>27</u> <u>  </u> Fossil	<u>28</u> <u>  </u>		
<u>29</u> <u>  </u> Mound	<u>30</u> <u>  </u> Hide, Hair, Fur			
<u>31</u> <u>  </u> Other Rock Features	<u>32</u> <u>  </u> Human Remains	CULTURAL/TEMPORAL		
<u>33</u> <u>  </u> Pit	<u>34</u> <u>  </u> Projectile Point	AFFILIATION		
<u>35</u> <u>  </u> Quarry/Mine	<u>36</u> <u>  </u> Shell (worked)	<u>37</u> <u>  </u> Paleo		
<u>38</u> <u>  </u> Rock Art	<u>39</u> <u>  </u> Stone, chipped	<u>40</u> <u>  </u> Archaic		
<u>41</u> <u>  </u> Rock Shelter	<u>42</u> <u>  </u> Stone, ground	<u>43</u> <u>  </u> Late Prehistoric		
<u>44</u> <u>  </u> Stone Circle	<u>45</u> <u>  </u> Trade Good (non-Native)	<u>46</u> <u>  </u> 47 Historic		
<u>48</u> <u>  </u> Trail (not recent)	<u>49</u> <u>  </u> Wood (worked)	<u>50</u> <u>  </u> Period Unknown		
<u>51</u> <u>  </u> Miscellaneous	<u>52</u> <u>  </u> Other			
<u>53</u> <u>  </u> Isolated Find	CM Density	Basis for Dating		
	<u>54</u> <u>  </u>	<u>55</u> <u>  </u>		

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u> <u>  </u>	<u>57</u> <u>58</u>	<u>59</u> <u>60</u>	<u>61</u> <u>  </u>	<u>62</u> <u>  </u>
Elevation	Drainage System			Dist Perm Water
<u>63</u> <u>67</u> <u>1</u> <u>21</u>				<u>22</u> <u>26</u>
Perm Water Type	Dist Seas Water	Seas Water Type		Ecosystem
<u>27</u> <u>  </u>	<u>28</u> <u>32</u>	<u>33</u> <u>  </u>		<u>34</u> <u>37</u>

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u> <u>  </u>	<u>39</u> <u>  </u>	<u>40</u> <u>  </u>	<u>41</u> <u>  </u>	<u>42</u> <u>  </u>
Fieldwork Date	Management Recommendation			
<u>43</u> <u>48</u>	<u>49</u> <u>  </u>			
Additional Information				
<u>1</u> <u>40</u>				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u> <u>  </u>	<u>47</u> <u>48</u>	<u>49</u> <u>  </u>	
State Register	National Register	E C F	T F	MS Number	
<u>50</u> <u>  </u>	<u>51</u> <u>  </u>	<u>52</u> <u>53</u>	<u>54</u> <u>61</u>		

Coder

Date Coded

NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>000-29</u>	SITS #		State <u>32</u>	County <u>CV</u>	Site Number <u>5</u>
Site Name <u>19</u>	LTL <u>0</u>	Twp <u>163</u>	R <u>57</u>	Sec <u>36</u>	QQQ <u>2</u>
Map Quad <u>444444</u>	LTL <u>0</u>	Twp <u>163</u>	R <u>57</u>	Sec <u>36</u>	QQQ <u>2</u>

II. SITE DESCRIPTION

SITE TYPE	CULTURAL MATERIAL	Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	5 <u>150000</u> 12 m <sup>2</sup>
3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	Cultural Depth
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	19 <input type="checkbox"/> 21
15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Depth Indicator
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	28 <u>0</u>
22 <input type="checkbox"/> Grave	23 <input type="checkbox"/> Fire Cracked Rock	CULTURAL/TEMPORAL AFFILIATION
24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/> Floral Remains	37 <input type="checkbox"/> Paleo
26 <input type="checkbox"/> Jump	27 <input type="checkbox"/> Fossil	40 <input type="checkbox"/> Archaic
29 <input type="checkbox"/> Mound	30 <input type="checkbox"/> Hide, Hair, Fur	43 <input type="checkbox"/> Late Prehistoric
31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/> Human Remains	46 <input type="checkbox"/> 1047 Historic
33 <input type="checkbox"/> Pit	34 <input type="checkbox"/> Projectile Point	50 <input type="checkbox"/> Period Unknown
35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/> Shell (worked)	
38 <input type="checkbox"/> Rock Art	39 <input type="checkbox"/> Stone, chipped	
41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/> Stone, ground	
44 <input type="checkbox"/> Stone Circle	45 <input type="checkbox"/> Trade Good (non-Native)	
48 <input type="checkbox"/> Trail (not recent)	49 <input type="checkbox"/> Wood (worked)	
51 <input type="checkbox"/> Miscellaneous	52 <input type="checkbox"/> Other	
53 <input type="checkbox"/> Isolated Find	CM Density	Basis for Dating
	54 <u>1</u>	55 <u>1</u>

III. ENVIRONMENT

Landform 1 <u>56</u>	Landform 2 <u>57</u>	Slope/Exposure <u>59</u>	View, degree <u>61</u>	View, distance <u>62</u>
Elevation <u>63</u>	Drainage System <u>67</u>	Dist Perm Water <u>200</u>	Perm Water Type <u>27</u>	Dist Seas Water <u>28</u>
Seas Water Type <u>32</u>	Seas Water Type <u>33</u>	Ecosystem <u>34</u>		

IV. C.R.M.

Ownership <u>38</u>	Site Condition <u>39</u>	Collection <u>40</u>	Test <u>41</u>	Excavation <u>42</u>
Fieldwork Date <u>43</u>	Management Recommendation <u>49</u>			

OFFICE USE ONLY

Additional Information <u>1-5-1983, 2001 ZONAL LOG CABIN</u>	
Soil Association <u>41</u>	Ecozone <u>44</u>
Area Signf <u>46</u>	CR Type <u>47</u>
Verified Site <u>48</u>	Non-Site <u>49</u>
State Register <u>50</u>	National Register <u>51</u>
E C F <u>52</u>	T F <u>53</u>
MS Number <u>54</u>	<u>61</u>

Coder 1-5-1983

Date Coded 1-5-1983



## Page 1

## I. SITE I.D.

### III. SITE DESCRIPTION

### III. ENVIRONMENT

IV. C.R.M.

OFFICE USE ONLY

	SITS #
Field Code _____	State County Site Number
<u>1</u> _____ <u>10</u>	<u>3</u> <u>2</u> <u>13</u> <u>15</u> <u>18</u>
	<u>11</u> <u>13</u> <u>15</u> <u>18</u>
Site Name _____	LTL Twp R Sec QQQ QQ Q
<u>19</u> _____ <u>38</u>	<u>39</u> <u>40</u> _____ <u>47</u> <u>48</u> <u>49</u> <u>50</u>
Map Quad _____	LTL <sub>a</sub> Twp <sub>a</sub> R <sub>a</sub> Sec <sub>a</sub> QQQ <sub>a</sub> QQ <sub>a</sub> Q <sub>a</sub>
<u>51</u> _____ <u>68</u>	<u>69</u> <u>70</u> _____ <u>77</u> <u>78</u> <u>79</u> <u>80</u>

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

SITE TYPE		CULTURAL MATERIAL		Site Area
1	<input type="checkbox"/> Conical Timber Lodge	2	<input type="checkbox"/> Bone (worked)	5 <input type="checkbox"/> 12 m <sup>2</sup>
3	<input type="checkbox"/> CM Scatter	4	<input type="checkbox"/> Ceramics (Native)	
13	<input type="checkbox"/> Earthlodge Village	14	<input type="checkbox"/> Charcoal	
15	<input type="checkbox"/> Earthworks	16	<input type="checkbox"/> Copper (Native)	Cultural Depth
17	<input type="checkbox"/> Fortification	18	<input type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> 21
22	<input type="checkbox"/> Grave	23	<input type="checkbox"/> Fire Cracked Rock	
24	<input type="checkbox"/> Hearth	25	<input type="checkbox"/> Floral Remains	Depth Indicator
26	<input type="checkbox"/> Jump	27	<input type="checkbox"/> Fossil	28 <input type="checkbox"/>
29	<input type="checkbox"/> Mound	30	<input type="checkbox"/> Hide, Hair, Fur	
31	<input type="checkbox"/> Other Rock Features	32	<input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL
33	<input type="checkbox"/> Pit	34	<input type="checkbox"/> Projectile Point	AFFILIATION
35	<input type="checkbox"/> Quarry/Mine	36	<input type="checkbox"/> Shell (worked)	37 <input type="checkbox"/> Paleo
38	<input type="checkbox"/> Rock Art	39	<input type="checkbox"/> Stone, chipped	40 <input type="checkbox"/> Archaic
41	<input type="checkbox"/> Rock Shelter	42	<input type="checkbox"/> Stone, ground	43 <input type="checkbox"/> Late Prehistoric
44	<input type="checkbox"/> Stone Circle	45	<input type="checkbox"/> Trade Good (non-Native)	46 <input type="checkbox"/> 47 Historic
48	<input type="checkbox"/> Trail (not recent)	49	<input type="checkbox"/> Wood (worked)	50 <input type="checkbox"/> Period Unknown
51	<input type="checkbox"/> Miscellaneous	52	<input type="checkbox"/> Other	
		CM Density	Basis for Dating	
53	<input type="checkbox"/> Isolated Find	54	55	

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u>	<u>57 58</u>	<u>59 60</u>	<u>61</u>	<u>62</u>
Elevation	Drainage System			Dist Perm Water
<u>63</u> <u>67</u> m.	<u>1</u> <u>21</u>			<u>22</u> <u>26</u> m.
Perm Water Type	Dist Seas Water	Seas Water Type		Ecosystem
<u>27</u>	<u>28</u> <u>32</u>	<u>33</u>		<u>34</u> <u>37</u>

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date		Management Recommendation		
<u>43</u> <u>48</u>		<u>49</u>		
Additional Information				

OFFICE USE ONLY						
Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site	
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>	
State Register	National Register		E C F T F	MS Number		
<u>50</u>	<u>51</u>		<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder

Date Coded

FIELD MANUAL  
NDCRS ARCHEOLOGY SITE FORM

CM DENSITY

0. No cultural material observed
1. Sparse distribution
2. Medium distribution
3. Dense distribution
4. Unknown
5. Medium-dense concentration(s) within a sparse scatter
6. Dense concentration(s) within a medium scatter
7. Denser concentration(s) within a dense scatter
8. Isolate

LANDFORM 1

0. Unknown
1. Top of
2. Bottom of
3. Side of
4. Unknown
5. Top and Bottom of
6. Top and Side of
7. Bottom and Side of
8. Top, Bottom, & Side

VIEW, DEGREE

0. Unknown
1. 90°
2. 180°
3. 270°
4. 360°
5. No View

SEAS & PERM WATER TYPE

0. Unknown
1. Lake
2. Spring
3. Moving Water (Stream)
4. Intermittent Moving Water
5. Intermittent Pond
6. Marsh

OWNERSHIP

0. Unknown
1. State
2. Federal
3. Private
4. Local Government
5. Reservation

RECOMMENDATIONS

0. Unknown
1. No Further Work
2. Further Evaluation
3. Impact Analysis
4. Both 2 & 3
5. Avoidance-Mitigation
6. Exclusion-Preservation

AREA SIGNF

1. Archeologic
2. Archeo/Architectural
3. Archeo/Historic
4. Paleontologic

DEPTH INDICATOR

0. Not applicable
1. Auger
2. Cutbank or Erosional Feature
3. Excavation
4. Guess
5. Shovel
6. Soil Probe
7. Other

LANDFORM 2

0. Unknown
1. Beachline(glacial)
2. Beach or riverbank
3. Canyon
4. Island
5. Delta
6. Draw
7. Flat(Upland)
8. Floodplain
9. Hill
10. Ridge
11. Saddle
12. Sandbar
13. Spur
14. Swale
15. Terrace
- 16.
17. Butte
- 18.
19. Other

SLOPE/EXPOSURE

0. Unknown
1. North
2. Northeast
3. East
4. Southeast
5. South
6. Southwest
7. West
8. Northwest
9. Closed
10. Open

VIEW, DISTANCE

0. Unknown
1. Excellent(5-7 miles)
2. Good(2-5 miles)
3. Fair(1-2 miles)
4. Poor( <1 mile)
5. No View

ECOSYSTEM

0. Unknown
1. Bottomland
2. Terraces
3. Toe Slope
4. Scoria
5. Badland
6. Upland
7. Rolling Grassland
8. Hardwood Draw
9. Marsh
10. Ponderosa Pine
11. Hilly Scoria
12. Upland Breaks
13. River Breaks
14. Rockland

CONDITION

0. Unknown
1. Destroyed
2. Inundated
3. Very Poor
4. Poor
5. Fair
6. Good
7. Excellent

COLLECTION

0. No Cultural Material
1. C M but no Collection
2. Systematic Collection
3. Non-Systematic
4. Completely Collected
5. Unknown

TEST & EXCAVATION

0. No
1. Yes, Results Positive
2. Yes, Results Negative
3. Unknown

CR TYPE

0. Unknown
1. Site
2. Building
3. Structure
4. Object
5. District

NAT'L & STATE REGISTER

0. Undetermined
1. Listed
2. Nominated
3. Eligible
4. Not Eligible
5. Determined Eligible

CULTURAL/TEMPORAL AFFILIATION  
PALEO

0. No
1. Yes - unspecified
2. Pre-Clovis
3. Clovis
4. Folsom
5. Plano
6. Post-Plano

ARCHAIC

0. No
1. Yes - unspecified
2. Early Large Side-Notched
3. McKean/Duncan/Hanna
4. Oxbow
5. Pelican Lake
6. Besant
7. Pre-Ceramic
8. Early Woodland
9. Middle Woodland

LATE PREHISTORIC

0. No
1. Yes - unspecified
2. Avonlea
3. Late Woodland (generalized)
4. Arvilla
5. Blackduck
6. Devilslake/Sourisford Complex
7. Plains Village Tradition
8. Plains Nomadic

HISTORIC

- |                    |                  |
|--------------------|------------------|
| 0. No              | 8. Cree          |
| 1. Yes-unspecified | 9. Crow          |
| 2. Arapaho         | 10. Euro-America |
| 3. Arikara         | 11. Hidatsa      |
| 4. Assiniboine     | 12. Mandan       |
| 5. Blackfoot       | 13. Pawnee       |
| 6. Cheyenne        | 14. Sioux        |
| 7. Chippewa        | 15. Other        |

BASIS FOR DATING

0. Unknown
1. Date Unknown
2. Radio-carbon
3. Typology
4. Dendrochronology
5. Thermoluminescence
6. Geology (Stratigraphy)
7. Patination
8. Professional Judgement
9. Both Absolute & Relative

E.C.F. AND T.F.

1. Exclusion Area
2. Avoidance Area
3. Area of Concern

1. Access Access to the site is on county road 55, 1 mile west of Walhalla, turn south on a gravel section road at the correction turn on county road 55, go south to the end of the road, 1 1/4 miles south of county road 55. The site is to the west on a bluff top in a cultivated field.
2. Description of Site The site is located in a cultivated field on a bluff top. The prehistoric artifacts were found between a square shaped timbered area and the edge of the North Dakota State Fish and Game lands. The log cabin is located at the southwest edge of the squared-timbered area.
3. Description of Cultural Materials Numerous pieces of chipped stone were recovered. None are culturally diagnostic. Some fragments of bone were also recovered. This appears to be a large habitation site.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address John J. Gapp
8. Vegetation Crops, trees
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 5
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Karl Kartes, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site has a large prehistoric component, probably a permanent camp of some sort. Also, a standing log cabin is present, which was built originally without nails, but rather with wooden pegs. This site requires further investigation.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/14/81

Field Code USD-29

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.



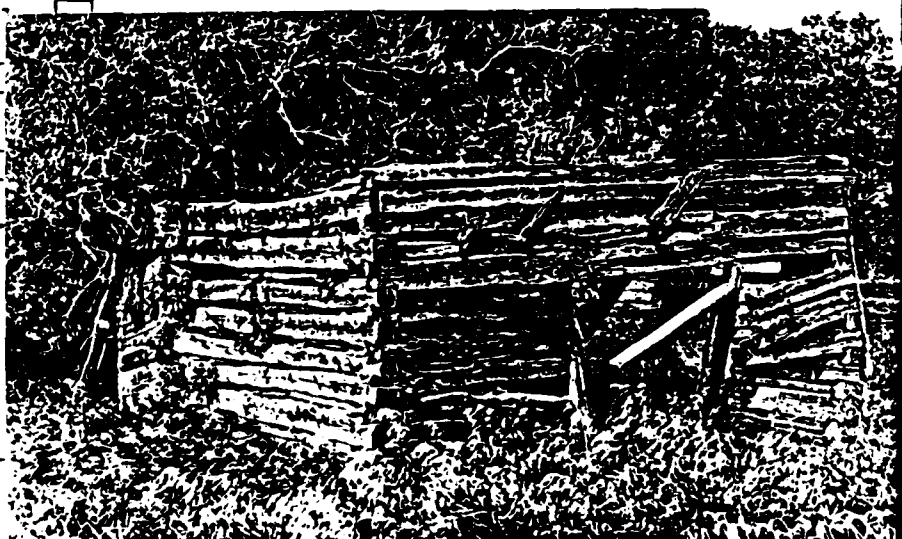
B.W. ☒ Co

Photo I.D. Code \_\_\_\_\_

USD-29 Pembina

Storage Location \_\_\_\_\_

USDA



Map Key:


Map Scale:

Recorded by Kenneth and Marie Brown

Date 8/14/81

Field Code 150-29

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the 7.5' U.S.G.S. topographic quadrangle that shows the location of the site.

Mark the boundaries of the site on the topographic section.


SITE  
PHOTO

B.W. ☐ Color ☐  
Photo I.D. Code \_\_\_\_\_  
Storage Location \_\_\_\_\_

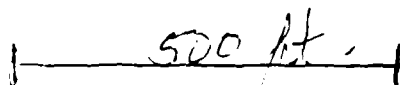
SKETCH MAP

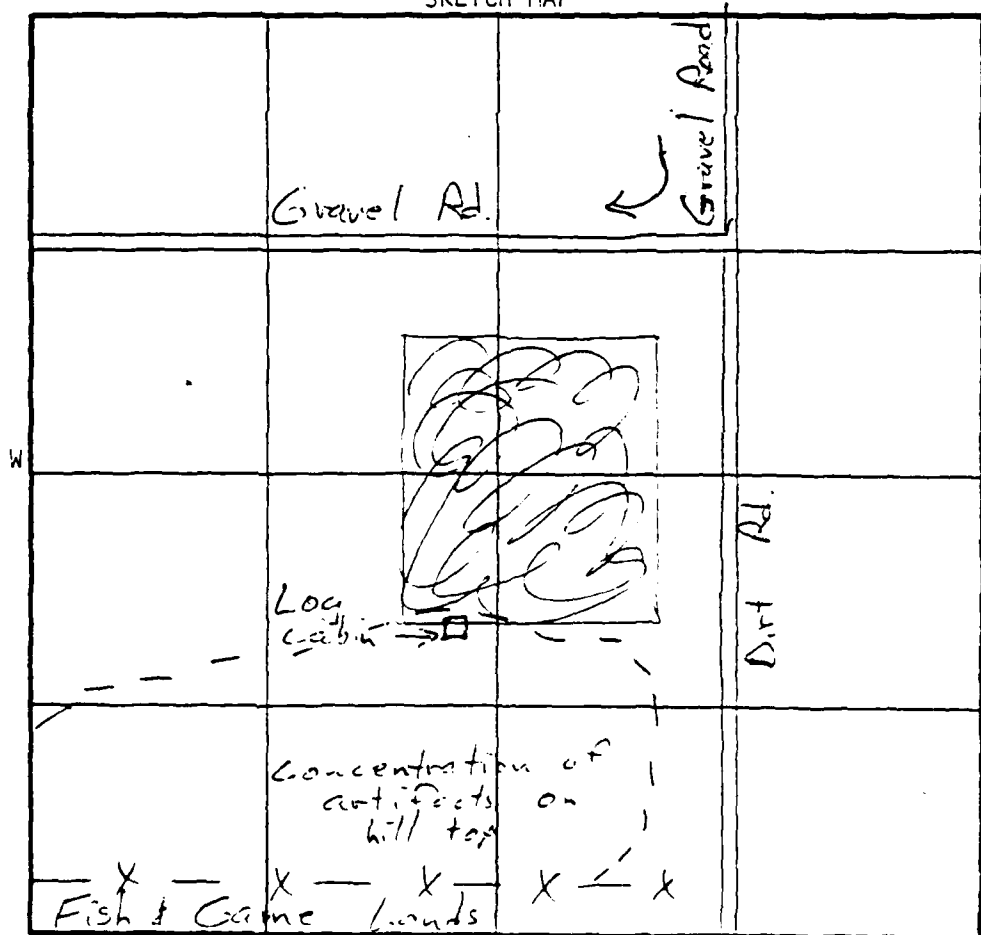
Map Key:

X - X - Fence

 Timber

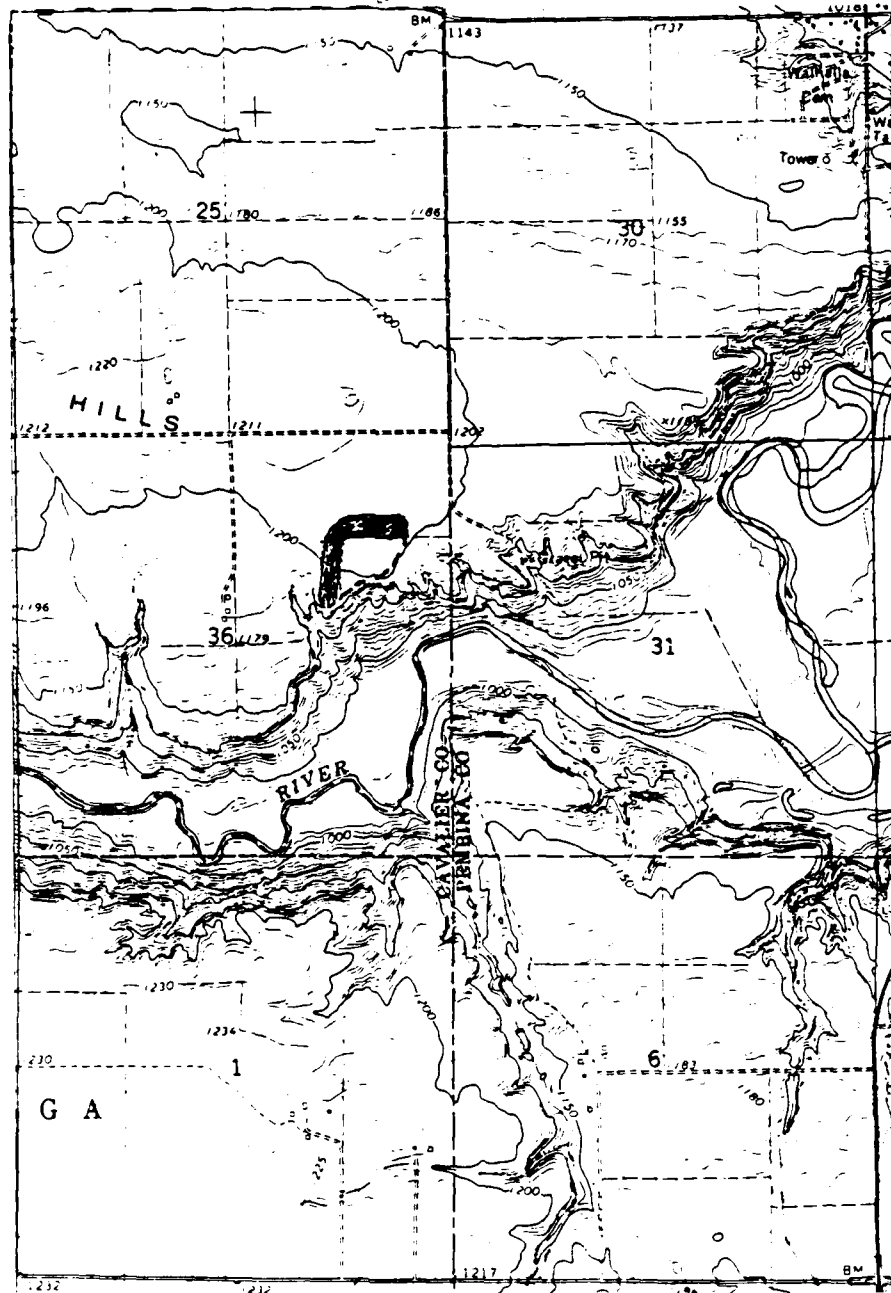
Map Scale:

 500 ft.



Recorded by Kenneth & Marie Brown Date 8/14/81

USD-29



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code

15-30

Site Name

19 38

Map Quad

11-ALL

51 68

SITS #

State County Site Number

32 EV 3

LTL Twp R Sec QQQ QQ Q

0 163 5736 4 8 6

39 40 47 48 49 50

LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>

0 163 5736 5 8 6

69 70 77 78 79 80

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

II. SITE DESCRIPTION

SITE TYPE

- 1 ☐ Conical Timber Lodge
- 3 ☒ CM Scatter
- 13 ☐ Earthlodge Village
- 15 ☐ Earthworks
- 17 ☐ Fortification
- 22 ☐ Grave
- 24 ☐ Hearth
- 26 ☐ Jump
- 29 ☐ Mound
- 31 ☐ Other Rock Features
- 33 ☐ Pit
- 35 ☐ Quarry/Mine
- 38 ☐ Rock Art
- 41 ☐ Rock Shelter
- 44 ☐ Stone Circle
- 48 ☐ Trail (not recent)
- 52 ☐ Miscellaneous

CULTURAL MATERIAL

- 2 ☐ Bone (worked)
- 4 ☐ Ceramics (Native)
- 14 ☐ Charcoal
- 16 ☐ Copper (Native)
- 18 ☒ Faunal Remains (skeletal)
- 23 ☐ Fire Cracked Rock
- 25 ☐ Floral Remains
- 27 ☐ Fossil
- 30 ☐ Hide, Hair, Fur
- 32 ☐ Human Remains
- 34 ☐ Projectile Point
- 36 ☐ Shell (worked)
- 39 ☒ Stone, chipped
- 42 ☐ Stone, ground
- 45 ☐ Trade Good (non-Native)
- 49 ☐ Wood (worked)
- 52 ☐ Other

Site Area

5 60000 12 m<sup>2</sup>

Cultural Depth

19 21

Depth Indicator

28 0

CULTURAL/TEMPORAL AFFILIATION

- 37 ☐ Paleo
- 40 ☐ Archaic
- 43 ☐ Late Prehistoric
- 46 ☐ 47 Historic
- 50 ☒ Period Unknown

III. ENVIRONMENT

Landform 1 Landform 2 Slope/Exposure View, degree View, distance

56 57 58 10 2 3

Elevation Drainage System Dist Perm Water

35 m. 1 225 m.

63 67 1 21 22 26

Perm Water Type Dist Seas Water Seas Water Type Ecosystem

27 28 32 33 34 37

IV. C.R.M.

Ownership Site Condition Collection Test Excavation

38 39 3 0 0

Fieldwork Date Management Recommendation

43 48 2 49

Additional Information

1 40

OFFICE USE ONLY

Soil Association Ecozone Area Signf CR Type Verified Site Non-Site

41 43 44 45 46 47 48 49

State Register National Register E C F T F MS Number

50 51 52 53 54 61

Coder 15-30

Date Coded 15-30

## Page 1

## I. SITE I.D.

## II. SITE DESCRIPTION

### III. ENVIRONMENT

IV. C.R.M.

OFFICE USE ONLY

Field Code <u>UCL-30</u>		State <u>32</u> County <u>C1</u> Site Number _____																																																							
		<u>11</u>	<u>13</u> <u>15</u> <u>18</u>																																																						
Site Name _____	LTL Twp R Sec QQQ QQ Q <u>0</u> <u>163</u> <u>57</u> <u>26</u> <u>-</u> <u>E</u> <u>Z</u>																																																								
Map Quad <u>UCL-1A</u>	LTL <sub>a</sub> Twp <sub>a</sub> R <sub>a</sub> Sec <sub>a</sub> QQQ <sub>a</sub> QQ <sub>a</sub> Q <sub>a</sub> <u>69</u> <u>70</u> <u>77</u> <u>78</u> <u>79</u> <u>80</u>																																																								
<table border="0" style="width: 100%;"> <tr> <td>SITE TYPE</td> <td>CULTURAL MATERIAL</td> <td>Site Area</td> </tr> <tr> <td>1 Conical Timber Lodge</td> <td>2 Bone (worked)</td> <td>5 _____ 12 m<sup>2</sup></td> </tr> <tr> <td>3 CM Scatter</td> <td>4 Ceramics (Native)</td> <td>Cultural Depth</td> </tr> <tr> <td>13 Earthlodge Village</td> <td>14 Charcoal</td> <td>19 _____ 21</td> </tr> <tr> <td>15 Earthworks</td> <td>16 Copper (Native)</td> <td>Depth Indicator</td> </tr> <tr> <td>17 Fortification</td> <td>18 Faunal Remains (skeletal)</td> <td>28 _____</td> </tr> <tr> <td>22 Grave</td> <td>23 Fire Cracked Rock</td> <td>CULTURAL/TEMPORAL AFFILIATION</td> </tr> <tr> <td>24 Hearth</td> <td>25 Floral Remains</td> <td>37 Paleo</td> </tr> <tr> <td>26 Jump</td> <td>27 Fossil</td> <td>40 Archaic</td> </tr> <tr> <td>29 Mound</td> <td>30 Hide, Hair, Fur</td> <td>43 Late Prehistoric</td> </tr> <tr> <td>31 Other Rock Features</td> <td>32 Human Remains</td> <td>46 Historic</td> </tr> <tr> <td>33 Pit</td> <td>34 Projectile Point</td> <td>50 Period Unknown</td> </tr> <tr> <td>35 Quarry/Mine</td> <td>36 Shell (worked)</td> <td></td> </tr> <tr> <td>38 Rock Art</td> <td>39 Stone, chipped</td> <td></td> </tr> <tr> <td>41 Rock Shelter</td> <td>42 Stone, ground</td> <td></td> </tr> <tr> <td>44 Stone Circle</td> <td>45 Trade Good (non-Native)</td> <td></td> </tr> <tr> <td>48 Trail (not recent)</td> <td>49 Wood (worked)</td> <td></td> </tr> <tr> <td>51 Miscellaneous</td> <td>52 Other</td> <td></td> </tr> </table>				SITE TYPE	CULTURAL MATERIAL	Site Area	1 Conical Timber Lodge	2 Bone (worked)	5 _____ 12 m <sup>2</sup>	3 CM Scatter	4 Ceramics (Native)	Cultural Depth	13 Earthlodge Village	14 Charcoal	19 _____ 21	15 Earthworks	16 Copper (Native)	Depth Indicator	17 Fortification	18 Faunal Remains (skeletal)	28 _____	22 Grave	23 Fire Cracked Rock	CULTURAL/TEMPORAL AFFILIATION	24 Hearth	25 Floral Remains	37 Paleo	26 Jump	27 Fossil	40 Archaic	29 Mound	30 Hide, Hair, Fur	43 Late Prehistoric	31 Other Rock Features	32 Human Remains	46 Historic	33 Pit	34 Projectile Point	50 Period Unknown	35 Quarry/Mine	36 Shell (worked)		38 Rock Art	39 Stone, chipped		41 Rock Shelter	42 Stone, ground		44 Stone Circle	45 Trade Good (non-Native)		48 Trail (not recent)	49 Wood (worked)		51 Miscellaneous	52 Other	
SITE TYPE	CULTURAL MATERIAL	Site Area																																																							
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53 Isolated Find	CM Density	Basis for Dating																																																							
	54 _____	55 _____																																																							
Landform 1	Landform 2	Slope/Exposure	View, degree View, distance																																																						
56 _____	57 58 _____	59 60 _____	61 _____ 62 _____																																																						
Elevation	Drainage System		Dist Perm Water																																																						
63 _____ 67 _____	1 _____	21 _____	22 _____ 26 _____																																																						
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem																																																						
27 _____	28 _____ 32 _____	33 _____	34 _____ 37 _____																																																						
Ownership	Site Condition	Collection	Test Excavation																																																						
38 _____	39 _____	40 _____	41 _____ 42 _____																																																						
Fieldwork Date	Management Recommendation																																																								
43 _____ 48 _____	49 _____																																																								
Additional Information _____ _____																																																									
OFFICE USE ONLY																																																									
Soil Association	Ecozone	Area Signf	CR Type Verified Site Non-Site																																																						
41 43 _____	44 45 _____	46 _____	47 _____ 48 _____ 49 _____																																																						
State Register	National Register	E C F T F	MS Number																																																						
50 _____	51 _____	52 _____ 53 _____	54 _____ 61 _____																																																						

Coder *[Signature]* 5/12/2017

Date Coded 10-6-81



## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-30

Descriptive Section

Site Number \_\_\_\_\_

Page 2

1. Access Access to the site is 1 mile west of Walhalla on county road 55.  
then turn south onto a gravel section road, go south 1 mile, turn west, go  
west ½ mile, turn south onto dirt field road, go south until you reach  
a shelter belt and the edge of the bluff to the Pembina River. This is it.
2. Description of Site The site is in a cultivated field. The site occurs  
on the west and east sides of a shelter belt. Most of the artifacts were  
recovered from east of the shelter belt. The site has an excellent view  
of the Pembina River Valley. A thin scatter of chipped stone artifacts  
and bone fragments were recovered.
3. Description of Cultural Materials Several chipped stone tools, flakes,  
bone fragments were recovered. None are culturally diagnostic.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Robert and Amelda Hornung and, William Clairmont
8. Vegetation Crops
9. Cover (% of visible ground) east side, 50%, beans;;; west side 100%, plowed
10. Man-hours spent on site 5
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References Kenneth M. Ames, St. Paul District, Corps of Engineers
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The recovery of several chipped stone tools, as  
well as numerous flakes, and the sites location on a bluff slope with an  
excellent view of the Pembina River Valley, makes further investigations  
necessary for this site.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/14/81

Field Code USD-30

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

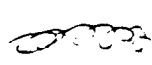
B.W. ☒ Color ☐


Photo I.D. Code  
USD-30 Pembina

Storage Location  
USDAL

SKETCH MAP

Map Key:

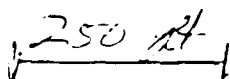
 shelter belt

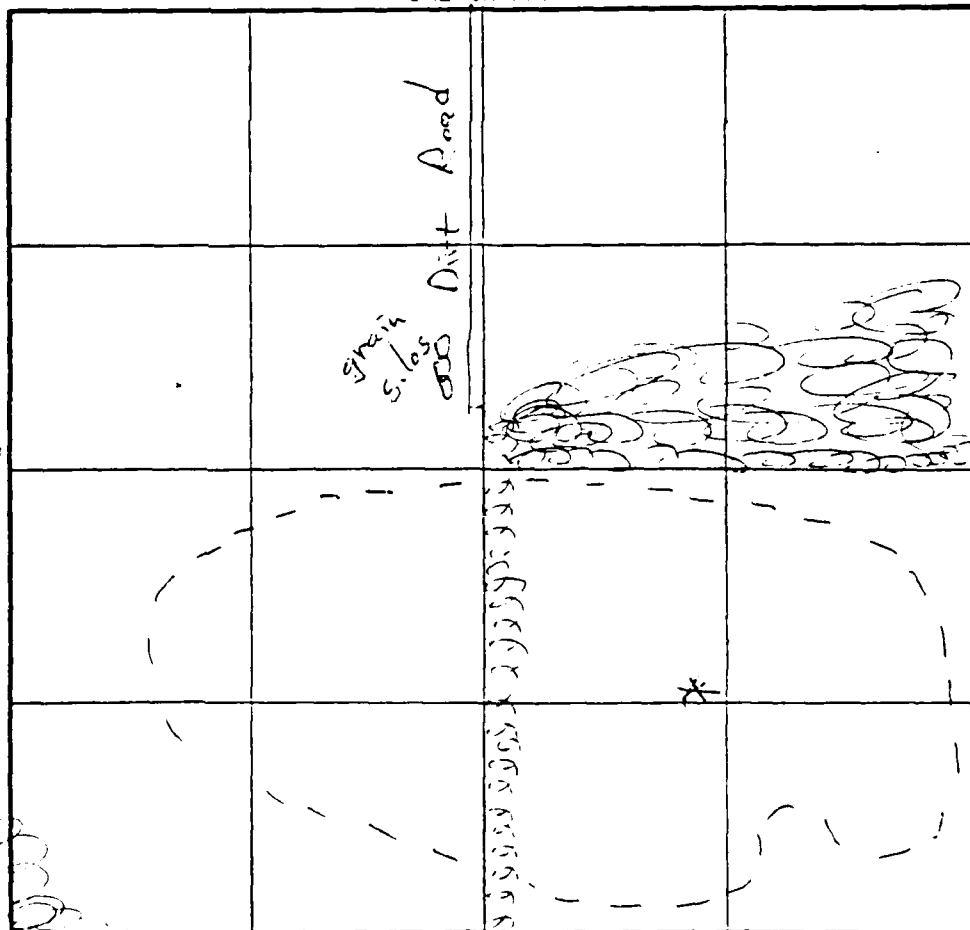
 timber

--- site area

X - b. face

Map Scale:

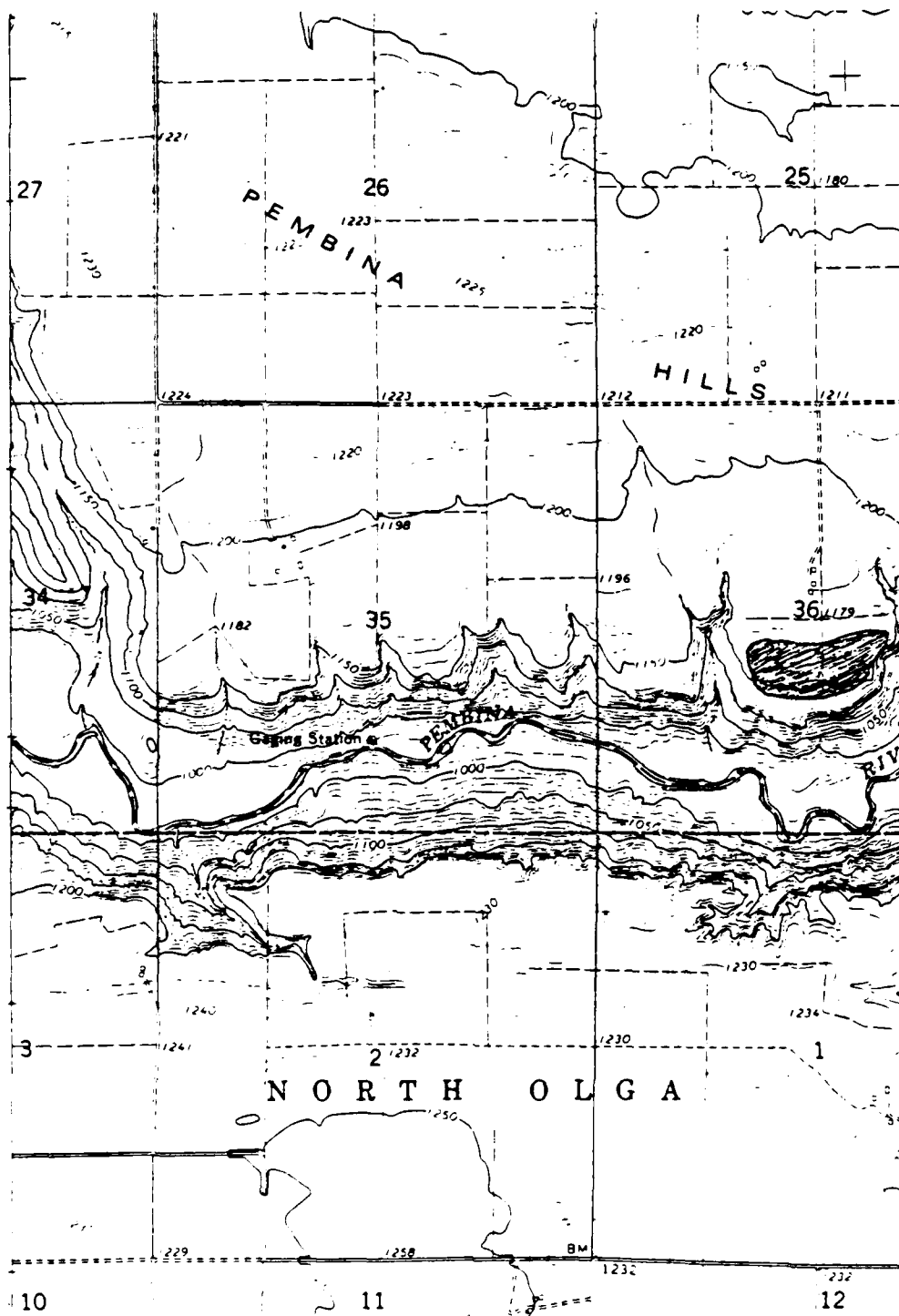
 250 ft



Recorded by Kenneth and Marie Brown

Date 8/14/81

U.S.D-30



## Page 1

# I. SITE I.D.

## II. SITE DESCRIPTION

### III. ENVIRONMENT

IV. C.R.M.

OFFICE USE ONLY

Field Code <u>USD-31</u>		SITS # <u>32</u> <u>CV</u>		State County Site Number <u>11</u> <u>13</u> <u>15</u> <u>18</u>	
Site Name <u>19</u> <u>38</u>		LTL Twp R Sec QQQ QQ Q <u>0</u> <u>163</u> <u>57</u> <u>29</u> <u>7</u> <u>7</u> <u>8</u>			
Map Quad <u>11E</u>		LTL Twp R Sec QQQa QQa Qa <u>0</u> <u>163</u> <u>57</u> <u>29</u> <u>6</u> <u>6</u> <u>8</u>			
51 <u>68</u>		69 70 77 78 79 80			

SITE TYPE		CULTURAL MATERIAL		Site Area <u>75000</u> <u>12</u> m <sup>2</sup>	
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input checked="" type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <input type="checkbox"/>	
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	17 <input type="checkbox"/>	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input checked="" type="checkbox"/> Faunal Remains (skeletal)	22 <input type="checkbox"/> Grave	23 <input type="checkbox"/> Fire Cracked Rock	21 <input type="checkbox"/>	21
24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/> Floral Remains	26 <input type="checkbox"/> Jump	27 <input type="checkbox"/> Fossil	28 <input checked="" type="checkbox"/>	Depth Indicator
29 <input type="checkbox"/> Mound	30 <input type="checkbox"/> Hide, Hair, Fur	31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION	
33 <input type="checkbox"/> Pit	34 <input type="checkbox"/> Projectile Point	35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/> Shell (worked)	37 <input type="checkbox"/>	Paleo
38 <input type="checkbox"/> Rock Art	39 <input checked="" type="checkbox"/> Stone, chipped	41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/> Stone, ground	40 <input type="checkbox"/>	Archaic
44 <input type="checkbox"/> Stone Circle	45 <input type="checkbox"/> Trade Good (non-Native)	48 <input type="checkbox"/> Trail (not recent)	49 <input type="checkbox"/> Wood (worked)	43 <input type="checkbox"/>	Late Prehistoric
51 <input type="checkbox"/> Miscellaneous	52 <input type="checkbox"/> Other			46 <input checked="" type="checkbox"/>	47 Historic
				50 <input checked="" type="checkbox"/>	Period Unknown
53 <input type="checkbox"/> Isolated Find	CM Density <u>54</u> <u>1</u>	Basis for Dating <u>55</u> <u>3</u>			

Landform 1 <u>56</u>	Landform 2 <u>57</u> <u>58</u>	Slope/Exposure <u>59</u> <u>60</u>	View, degree <u>61</u>	View, distance <u>62</u>
Elevation <u>63</u> <u>67</u> m. <u>35</u>	Drainage System <u>1</u> <u>21</u>	Dist Perm Water <u>22</u> <u>26</u> m. <u>150</u>		
Perm Water Type <u>27</u>	Dist Seas Water <u>28</u> <u>32</u>	Seas Water Type <u>33</u>	Ecosystem <u>34</u> <u>37</u>	

Ownership <u>38</u>	Site Condition <u>39</u>	Collection <u>40</u>	Test <u>41</u>	Excavation <u>42</u>
Fieldwork Date <u>43</u> <u>48</u>	Management Recommendation <u>49</u>			
Additional Information <u>50</u>				

OFFICE USE ONLY				
Soil Association <u>41</u> <u>43</u>	Ecozone <u>44</u> <u>45</u>	Area Signf <u>46</u>	CR Type <u>47</u> <u>48</u>	Verified Site Non-Site <u>49</u>
State Register <u>50</u>	National Register <u>51</u>	E C F T F <u>52</u> <u>53</u>	MS Number <u>54</u> <u>61</u>	

1. N  
2. E  
3. S  
4. W  
5. N  
6. S  
7. S  
8. N  
9.

Cocer

Date Coded 2-2-81

NDCRS SITE FORM  
ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>50-21</u>		SITS #		State		County		Site Number	
<u>1</u> <u>10</u>		<u>3</u> <u>2</u>		<u>11</u> <u>13</u>		<u>15</u> <u>18</u>			
Site Name		LTL	Twp	R	Sec	QQQ	QQ	Q	
<u>19</u> <u>38</u>		<u>6</u>	<u>16</u>	<u>5</u>	<u>30</u>	<u>2</u>	<u>5</u>	<u>6</u>	
Map Quad		LTL	Twp	R	Sec	QQQ	QQ	Q	
<u>51</u> <u>68</u>		<u>6</u>	<u>16</u>	<u>5</u>	<u>30</u>	<u>2</u>	<u>5</u>	<u>6</u>	

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area	
<u>1</u> Conical Timber Lodge	<u>2</u> Bone (worked)			<u>5</u> <u>12 m<sup>2</sup></u>	
<u>3</u> CM Scatter	<u>4</u> Ceramics (Native)				
<u>13</u> Earthlodge Village	<u>14</u> Charcoal				
<u>15</u> Earthworks	<u>16</u> Copper (Native)			Cultural Depth	
<u>17</u> Fortification	<u>18</u> Faunal Remains (skeletal)	<u>19</u> <u>21</u>			
<u>22</u> Grave	<u>23</u> Fire Cracked Rock				
<u>24</u> Hearth	<u>25</u> Floral Remains			Depth Indicator	
<u>26</u> Jump	<u>27</u> Fossil	<u>28</u> <u>  </u>			
<u>29</u> Mound	<u>30</u> Hide, Hair, Fur				
<u>31</u> Other Rock Features	<u>32</u> Human Remains			CULTURAL/TEMPORAL	
<u>33</u> Pit	<u>34</u> Projectile Point			AFFILIATION	
<u>35</u> Quarry/Mine	<u>36</u> Shell (worked)	<u>37</u> <u>  </u> Paleo			
<u>38</u> Rock Art	<u>39</u> Stone, chipped	<u>40</u> <u>  </u> Archaic			
<u>41</u> Rock Shelter	<u>42</u> Stone, ground	<u>43</u> <u>  </u> Late Prehistoric			
<u>44</u> Stone Circle	<u>45</u> Trade Good (non-Native)	<u>46</u> <u>  </u> 47 Historic			
<u>48</u> Trail (not recent)	<u>49</u> Wood (worked)	<u>50</u> <u>  </u> Period Unknown			
<u>51</u> Miscellaneous	<u>52</u> Other				
CM Density		Basis for Dating			
<u>53</u> <u>  </u> Isolated Find	<u>54</u> <u>  </u>	<u>55</u> <u>  </u>			

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u>	<u>57</u> <u>58</u>	<u>59</u> <u>60</u>	<u>61</u>	<u>62</u>
Elevation	Drainage System			Dist Perm Water
<u>63</u> <u>67</u> m.	<u>1</u>	<u>21</u>	<u>22</u>	<u>26</u> m.
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>27</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date	Management Recommendation			
<u>43</u> <u>48</u>	<u>49</u>			
Additional Information				

OFFICE USE ONLY

Soil Association		Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>	
State Register	National Register	E C F	T F	MS Number		
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>	

Coder                     

Date Coded

1. Access Access to the site is 6 miles west of Walhalla on county road 55,  
then southwest on a gravel road for about 1/3 mile. The site is east of  
the road in a cultivated field, on a large, long, bluff top.
2. Description of Site The site is in a cultivated field on a bluff top and slope.  
Artifacts are most dense near the north end of the bluff top and ridge, on  
a slight rise or hill. Prehistoric artifacts occur over the whole site,  
while historic artifacts occur near the road at the south and central portions  
of the site.
3. Description of Cultural Materials Prehistoric artifacts include flakes,  
cores, and chunks of chipped stone. No culturally diagnostic artifacts were  
recovered. Historic artifacts include ceramics and glass. No cultural  
features were observed.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Vernon Bennett
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The numerous cores and chunks of chipped stone  
suggests this site may be a knapping station and/or hunting station. The  
excellent view of the Pembina River Valley from the site and the artifacts  
recovered indicate further investigations are warranted.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/15/81

Field Code USD-31

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.




B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-31 Pembina

Storage Location \_\_\_\_\_  
USDAL

SKETCH MAP

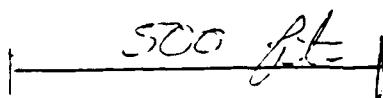
Map Key:

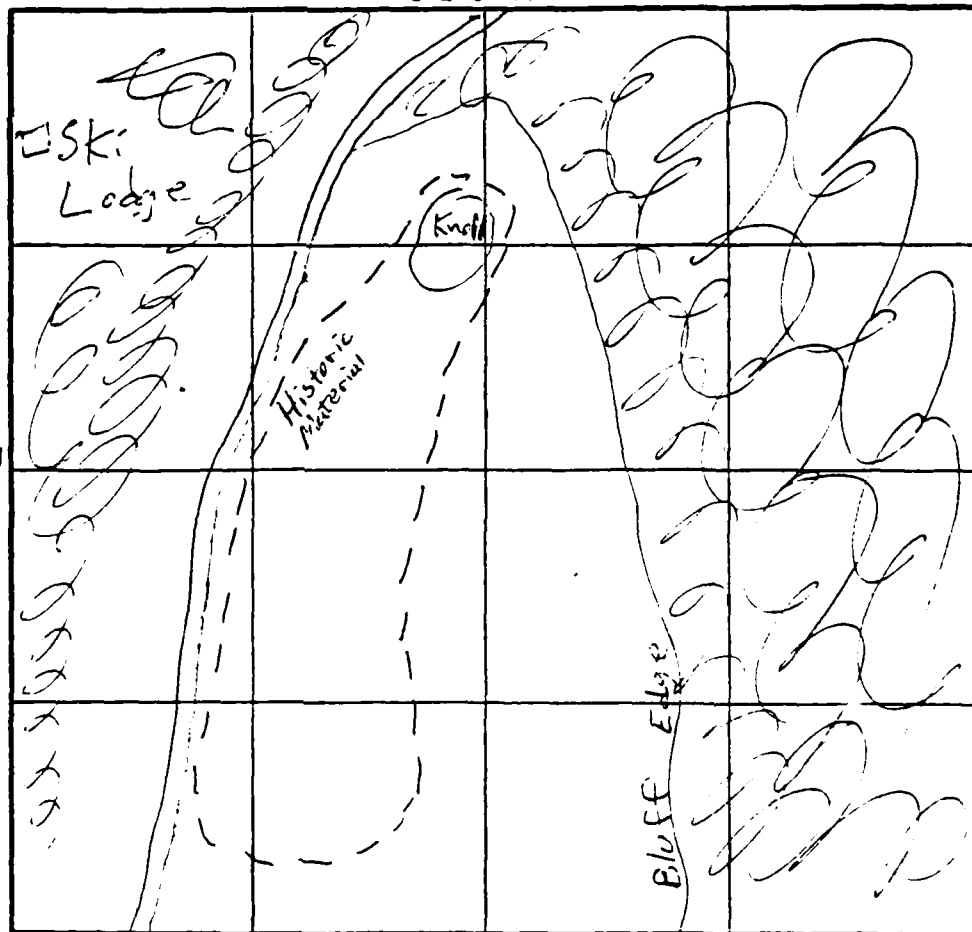
 timber

Knoll = location  
of cones,  
chunks,

--- site area

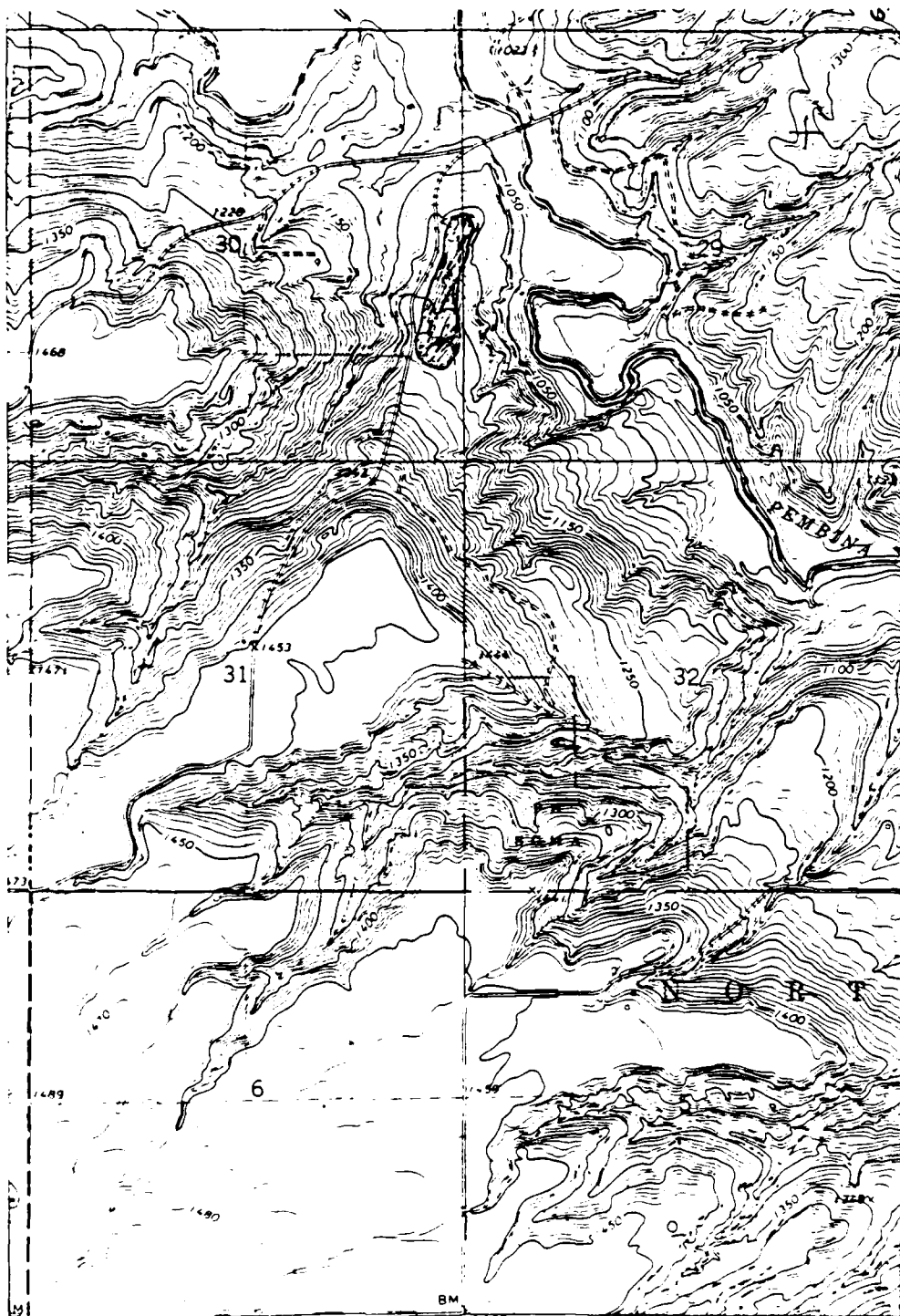
Map Scale:

 500 ft.



Recorded by Kenneth and Marie Brown

Date 8/15/81





NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>6-0-33</u>	SITS #		State <u>32</u>	County <u>CV</u>	Site Number <u>5</u>
1 _____ 10	11	13	15	18	
Site Name _____	LTL <u>0</u>	Twp <u>162</u>	R <u>57</u>	Sec <u>2</u>	QQQ <u>8</u>
19 _____ 38	39	40	47	48	49
Map Quad <u>6-0-33</u>	LTL <u>0</u>	Twp <u>162</u>	R <u>57</u>	Sec <u>2</u>	QQQ <u>8</u>
51 _____ 68	69	70	77	78	79
					80

1. NW $\frac{1}{4}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{4}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input checked="" type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>112500</u> 12 m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input checked="" type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 _____
22 <input type="checkbox"/> Hearth	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Jump	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Mound	27 <input type="checkbox"/> Hide, Hair, Fur	29 <input type="checkbox"/> Other Rock Features	30 <input type="checkbox"/> Human Remains	28 <u>0</u>
31 <input type="checkbox"/> Pit	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Quarry/Mine	34 <input type="checkbox"/> Shell (worked)	CULTURAL/TEMPORAL AFFILIATION
35 <input type="checkbox"/> Rock Art	36 <input type="checkbox"/> Stone, chipped	37 <input type="checkbox"/> Rock Shelter	38 <input type="checkbox"/> Stone, ground	39 <input type="checkbox"/> Paleo
41 <input type="checkbox"/> Stone Circle	42 <input type="checkbox"/> Trade Good (non-Native)	43 <input type="checkbox"/> Trail (not recent)	44 <input type="checkbox"/> Wood (worked)	40 <input type="checkbox"/> Archaic
48 <input type="checkbox"/> Miscellaneous	49 <input type="checkbox"/> Other	50 <input type="checkbox"/> Isolated Find	51 <input type="checkbox"/> CM Density	41 <input checked="" type="checkbox"/> Late Prehistoric
				42 <input checked="" type="checkbox"/> 1047 Historic
				50 <input checked="" type="checkbox"/> Period Unknown

III. ENVIRONMENT

Landform 1 <u>56</u>	Landform 2 <u>57 58</u>	Slope/Exposure <u>59 60</u>	View, degree <u>61</u>	View, distance <u>62</u>
Elevation <u>300</u> m.	Drainage System <u>PERM WATER</u>	Dist Perm Water <u>300</u> m.		
63 _____ 67	1 _____ 21	22 _____ 26		
Perm Water Type <u>27</u>	Dist Seas Water <u>28 32</u>	Seas Water Type <u>33</u>	Ecosystem <u>34 37</u>	

IV. C.R.M.

Ownership <u>38</u>	Site Condition <u>39</u>	Collection <u>40</u>	Test <u>41</u>	Excavation <u>42</u>
Fieldwork Date <u>43 48</u>	Management Recommendation <u>49</u>			

OFFICE USE ONLY

Additional Information <u>6-0-33-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100</u>					
OFFICE USE ONLY					
Soil Association <u>41 43</u>	Ecozone <u>44 45</u>	Area Signf <u>46</u>	CR Type <u>47</u>	Verified Site <u>48</u>	Non-Site <u>49</u>
State Register <u>50</u>	National Register <u>51</u>	E C F <u>52</u>	T F <u>53</u>	MS Number <u>54</u>	<u>61</u>

Coder 6-0-33-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100

Date Coded 6-0-33-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100

NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 15-33 State 32 County CV Site Number 15  
 Site Name 19 LTL 0 Twp 162 R 57 Sec 3 QQQ 5 QQ 6 Q 5  
 Map Quad 51 LTL 0 Twp 162 R 57 Sec 3 QQQ 5 QQ 6 Q 5  
51 68 69 70 77 78 79 80

II. SITE DESCRIPTION

SITE TYPE CULTURAL MATERIAL Site Area  
 1 ☐ Conical Timber Lodge 2 ☐ Bone (worked) 5 12 m<sup>2</sup>  
 3 ☐ CM Scatter 4 ☐ Ceramics (Native)  
 13 ☐ Earthlodge Village 14 ☐ Charcoal  
 15 ☐ Earthworks 16 ☐ Copper (Native) Cultural Depth  
 17 ☐ Fortification 18 ☐ Faunal Remains (skeletal) 19 21  
 22 ☐ Grave 23 ☐ Fire Cracked Rock  
 24 ☐ Hearth 25 ☐ Floral Remains Depth Indicator  
 26 ☐ Jump 27 ☐ Fossil 28     
 29 ☐ Mound 30 ☐ Hide, Hair, Fur  
 31 ☐ Other Rock Features 32 ☐ Human Remains CULTURAL/TEMPORAL  
 33 ☐ Pit 34 ☐ Projectile Point AFFILIATION  
 35 ☐ Quarry/Mine 36 ☐ Shell (worked) 37 ☐ Paleo  
 38 ☐ Rock Art 39 ☐ Stone, chipped 40 ☐ Archaic  
 41 ☐ Rock Shelter 42 ☐ Stone, ground 43 ☐ Late Prehistoric  
 44 ☐ Stone Circle 45 ☐ Trade Good (non-Native) 46 ☐ 47 Historic  
 48 ☐ Trail (not recent) 49 ☐ Wood (worked) 50 ☐ Period Unknown  
 51 ☐ Miscellaneous 52 ☐ Other  
 53 ☐ Isolated Find CM Density 54    Basis for Dating 55   

III. ENVIRONMENT

Landform 1 56 Landform 2 57 58 Slope/Exposure 59 60 View, degree 61 View, distance 62  
 Elevation 63 67 Drainage System 1 Dist Perm Water 21 22 26  
 Perm Water Type 27 Dist Seas Water 28 32 Seas Water Type 33 Ecosystem 34 37

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 40 Test 41 Excavation 42  
 Fieldwork Date 43 48 Management Recommendation 49  
 Additional Information 1 40

OFFICE USE ONLY

Soil Association 41 43 Ecozone 44 45 Area Signf 46 CR Type 47 48 Verified Site 49 Non-Site  
 State Register 50 National Register 51 E C F T F MS Number 52 53 54 62

Coder                      Date Coded

Field Code USD-32NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is south of Walhalla on highway no. 32. 3 miles south of Walhalla, then turn west onto a gravel section road, go west 3 miles, then turn north, go north on gravel and dirt road for about 4/5 mile, site is in cultivated field by abandoned farm house.
2. Description of Site The site is in a cultivated field at the edge of a bluff top. A scatter of chipped stone tools, and bone fragments were recovered. Numerous glass and historic ceramics were found around the abandoned farm house. No culturally diagnostic, prehistoric tools were recovered.
3. Description of Cultural Materials Chipped stone and bone fragments were recovered from the whole site. Historic glass and ceramics were recovered from around the abandoned farm house. The farm house has four rooms, all of which are in a row connected by doorways.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Albert D. and Lyle Johnson
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 5
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Carl Kartes, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The prehistoric and historic components at this site may contain buried cultural deposits. The historic component needs to have a literature and records search (this is being done), The site should have further investigations.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/17/81

Field Code USD-33

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

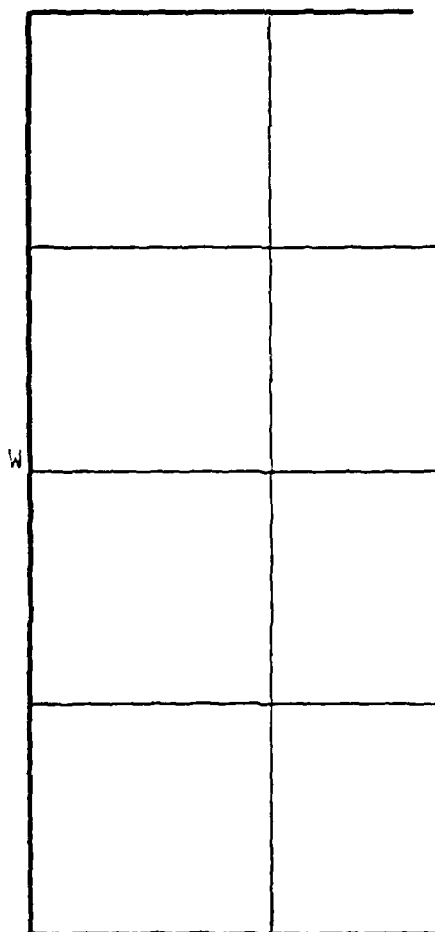
Mark the boundaries of the  
site on the topographic  
section.

B.W. ☒ Color ☐

Photo I.D. Code  
USD-33 Pembina

Storage Location \_\_\_\_\_

Map Key:



Map Scale:

Recorded by Kenneth and Marie Brown

8/17/81



Field Code USD-33

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the 7.5' U.S.G.S. topographic quadrangle that shows the location of the site.

Mark the boundaries of the site on the topographic section.

SITE  
PHOTO


B.W. ☐ Color ☐


Photo I.D. Code \_\_\_\_\_


Storage Location \_\_\_\_\_

SKETCH MAP

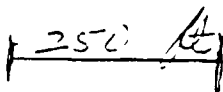
Map Key:

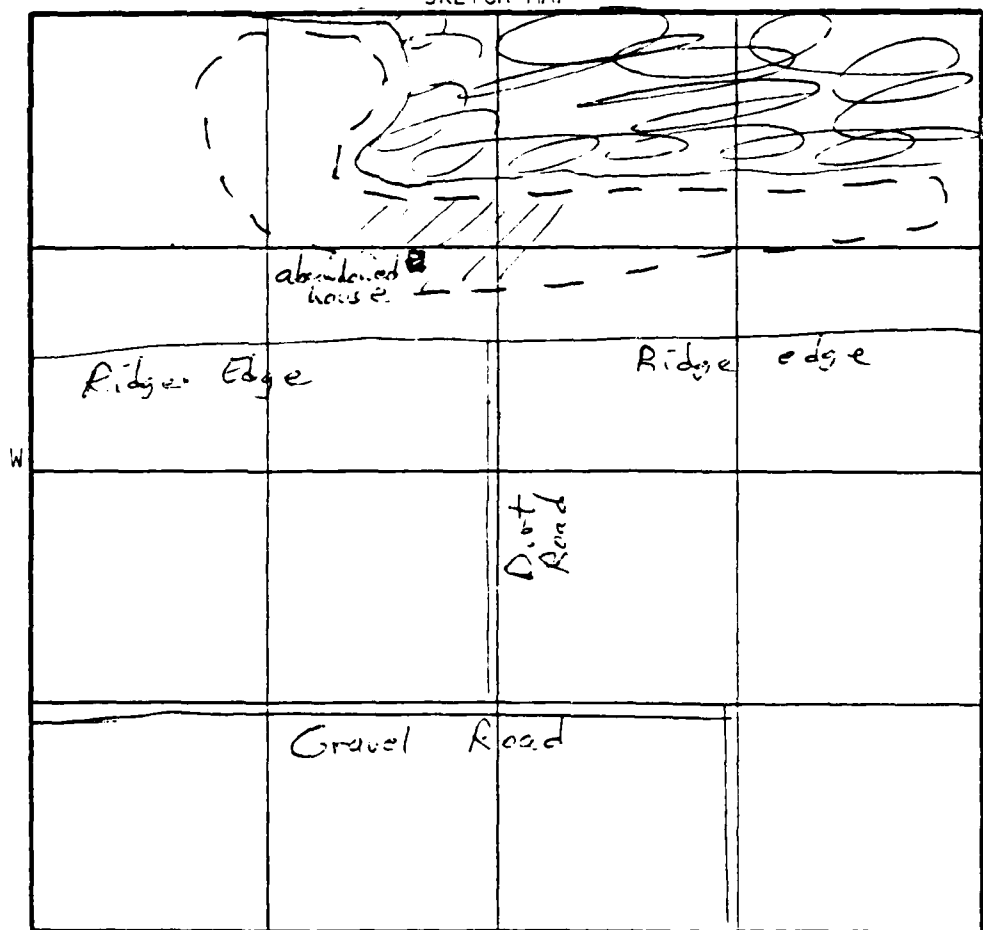
 timber

 site area

 historic artifacts

Map Scale:

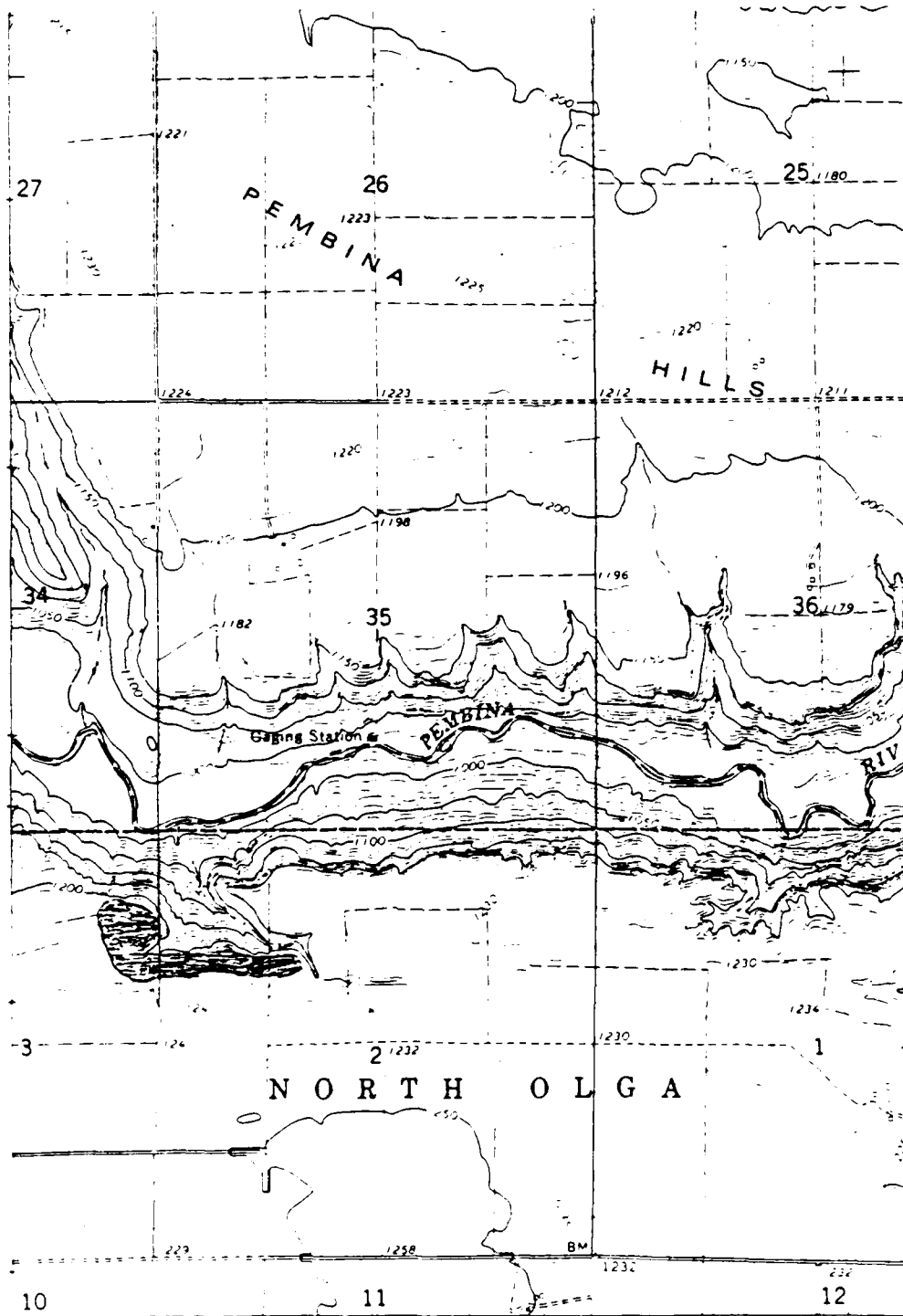
 250 ft



Recorded by Kenneth & Marie Brown

Date 8/17/81

USD-33



## Page 1

1.  $W\frac{1}{2}$
2.  $E\frac{1}{2}$
3.  $S\frac{1}{2}$
4.  $W\frac{1}{2}$
5.  $NE\frac{1}{4}$
6.  $SE\frac{1}{4}$
7.  $SW\frac{1}{4}$
8.  $NW\frac{1}{4}$
9. C

I. SITE I.D.

Field Code		SITS #	
100-34		State	County
1 10		32	CV
Site Name		Site Number	
19 38		11 13	15 18
Map Quad		LTL	Twp
11-6		R	Sec
51 68		QQQ	QQ Q
		39 40	47 48 49 50
		LTL <sub>a</sub>	Twp <sub>a</sub> R <sub>a</sub> Sec <sub>a</sub> QQQ <sub>a</sub> QQ <sub>a</sub> Q <sub>a</sub>
		69 70	77 78 79 80

## II. SITE DESCRIPTION

[illegible]

### III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
56	57 58	59 60	61	62
Elevation	Drainage System			Dist Perm Water
33 m.				300 m.
63 67	1		21	22 26
Perm Water Type	Dist Seas Water		Seas Water Type	Ecosystem
27	28 32		33	34 37

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
38	39	40	41	42
Fieldwork Date		Management Recommendation		
43	48	49		
Additional Information				

OFFICE USE ONLY

OFFICE USE ONLY						
Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site	
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>	
State Register	National Register		E C F T F	MS Number		
<u>50</u>	<u>51</u>		<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder \_\_\_\_\_

Date Coded 11-1-80

Field Code USD-34NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is on county road 55, 4½ miles west of Walhalla, turn south onto a gravel road, go south and west on the gravel road for about 2½ miles until you come to a one room school house just south of the road. The site is north of the road about ½ mile, northeast of an abandoned farm house.
2. Description of Site The site is in a cultivated field on a bluff top overlooking the Pembina River Valley. A thin scatter of chipped stone artifacts and some bone fragments were recovered from the surface of the ground. No cultural features were observed.
3. Description of Cultural Materials A few chipped stone artifacts and bone fragments were recovered. Non of the artifacts are culturally diagnostic.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Russel and Lena Thompson
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Carl Kartes, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This prehistoric site has had numerous chipped stone tools recovered from it by Carl Kartes, a local collector. This site should have further investigations.
17. Comments/References \_\_\_\_\_
- Recorded by Kenneth and Marie Brown Date 8/17 '81



Field Code USD-34

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.



B W. ☒ Color ☐


Photo I.D. Code  
USD-34 Pembina

Storage Location  
USDAL

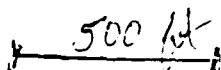
SKETCH MAP

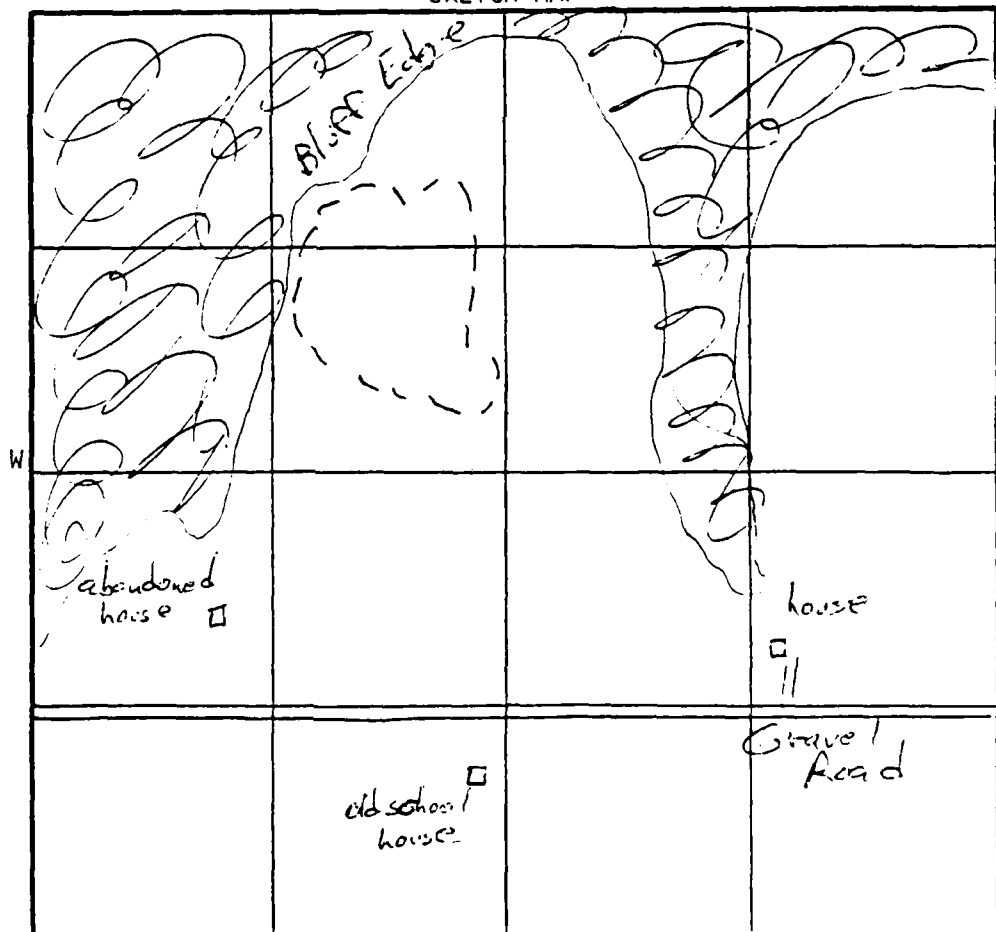
Map Key:

 timber

 site  
area

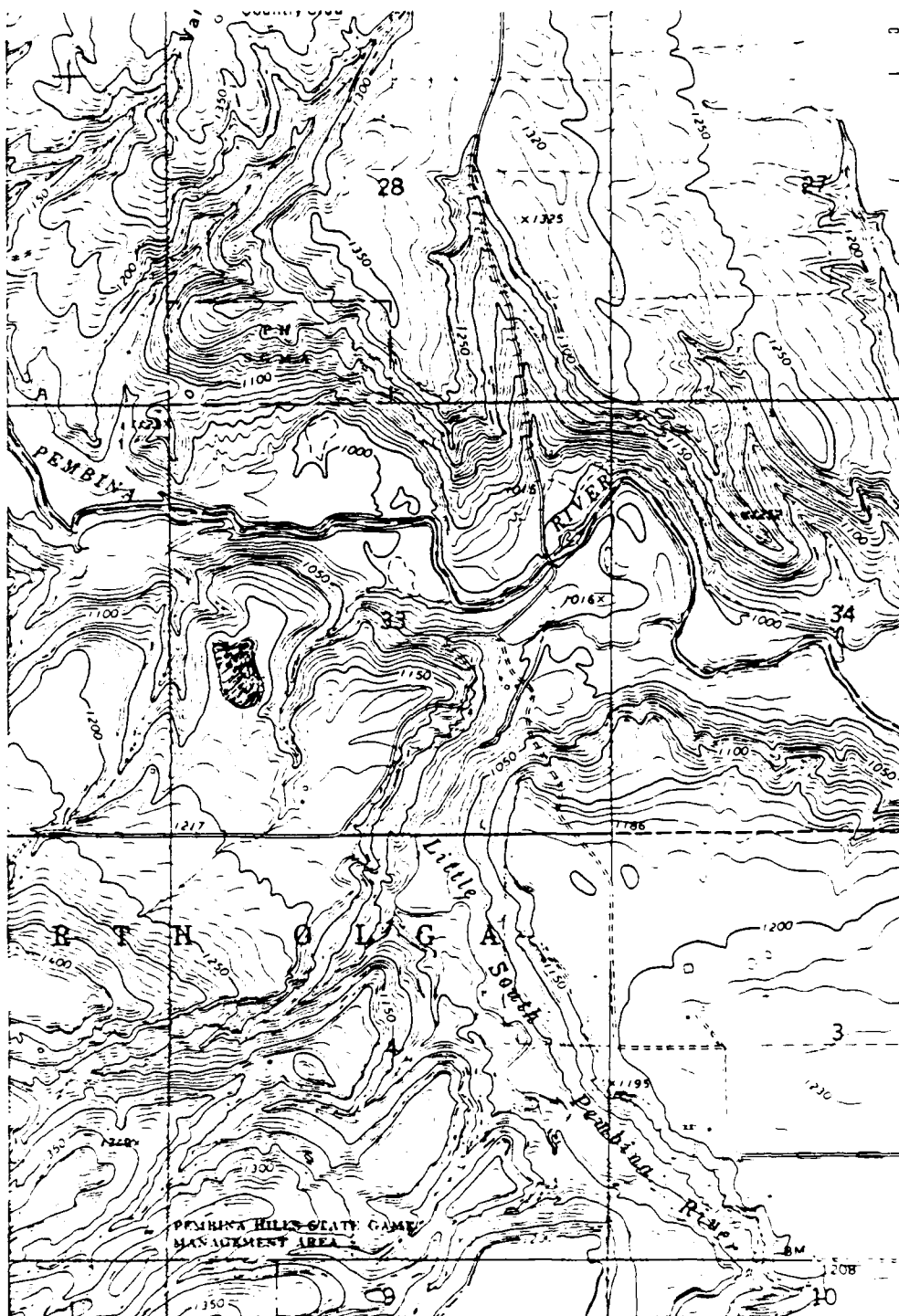
Map Scale:

 500 ft



Recorded by Kenneth and Marie Brown

Date 8/17/81



## Page 1

Page 1

Field Code

100-35

SITS #

32

State

IL

County

11

Site Number

15

1

10

Site Name

19

38

Map Quad

51

68

LTL

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LTL

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NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code	SITS #		State	County	Site Number
<u>1-35</u>	<u>3</u>	<u>2</u>	<u>CA</u>	<u>15</u>	<u>18</u>
Site Name	LTL	Twp	R	Sec	QQQ
<u>19</u>	<u>39</u>	<u>40</u>	<u>11</u>	<u>13</u>	<u>15</u>
Map Quad	LTL	Twp	R	Sec	QQQ
<u>51</u>	<u>69</u>	<u>70</u>	<u>11</u>	<u>13</u>	<u>15</u>

II. SITE DESCRIPTION

SITE TYPE	CULTURAL MATERIAL	Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	5 <u>12</u> m <sup>2</sup>
3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	Cultural Depth
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	19 <u>21</u>
15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Depth Indicator
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	28 <u>  </u>
22 <input type="checkbox"/> Grave	23 <input type="checkbox"/> Fire Cracked Rock	CULTURAL/TEMPORAL
24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/> Floral Remains	AFFILIATION
26 <input type="checkbox"/> Jump	27 <input type="checkbox"/> Fossil	37 <input type="checkbox"/> Paleo
29 <input type="checkbox"/> Mound	30 <input type="checkbox"/> Hide, Hair, Fur	40 <input type="checkbox"/> Archaic
31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/> Human Remains	43 <input type="checkbox"/> Late Prehistoric
33 <input type="checkbox"/> Pit	34 <input type="checkbox"/> Projectile Point	46 <input type="checkbox"/> 47 Historic
35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/> Shell (worked)	50 <input type="checkbox"/> Period Unknown
38 <input type="checkbox"/> Rock Art	39 <input type="checkbox"/> Stone, chipped	
41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/> Stone, ground	
44 <input type="checkbox"/> Stone Circle	45 <input type="checkbox"/> Trade Good (non-Native)	
48 <input type="checkbox"/> Trail (not recent)	49 <input type="checkbox"/> Wood (worked)	
51 <input type="checkbox"/> Miscellaneous	52 <input type="checkbox"/> Other	
53 <input type="checkbox"/> Isolated Find	CM Density	Basis for Dating
	54 <u>  </u>	55 <u>  </u>

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>1</u>	<u>12</u>	<u>10</u>	<u>2</u>	<u>3</u>
56	57 58	59 60	61	62
Elevation	Drainage System	Dist Perm Water		
<u>57</u> m.	<u>SOUTH FENDIA DITCH</u>	<u>175</u> m.		
63	67	1	21	22
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>2</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date	Management Recommendation			
<u>43</u> <u>48</u>	<u>49</u>			
Additional Information				
<u>1</u>				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder                      Date Coded

NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 1-25 SITS #  
 State 32 County Cl Site Number 15  
 11 13 15 18  
 Site Name LTL Twp R Sec. QQQ QQ Q  
39 40 47 48 49 50  
 Map Quad LTL Twp R Sec. QQQa QQa Qa  
51 68 69 70 77 78 79 80

- 1.
- 2.
- 3.
- 4.
5. NE 1/4
6. SE 1/4
7. SW 1/4
8. NW 1/4
9. C

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1	Conical Timber Lodge	2	Bone (worked)	5 <u>12 m<sup>2</sup></u>
3	CM Scatter	4	Ceramics (Native)	
13	Earthlodge Village	14	Charcoal	
15	Earthworks	16	Copper (Native)	Cultural Depth
17	Fortification	18	Faunal Remains (skeletal)	19 <u>21</u>
22	Grave	23	Fire Cracked Rock	
24	Hearth	25	Floral Remains	Depth Indicator
26	Jump	27	Fossil	28 <u>  </u>
29	Mound	30	Hide, Hair, Fur	
31	Other Rock Features	32	Human Remains	CULTURAL/TEMPORAL
33	Pit	34	Projectile Point	AFFILIATION
35	Quarry/Mine	36	Shell (worked)	37 <u>  </u> Paleo
38	Rock Art	39	Stone, chipped	40 <u>  </u> Archaic
41	Rock Shelter	42	Stone, ground	43 <u>  </u> Late Prehistoric
44	Stone Circle	45	Trade Good (non-Native)	46 <u>  </u> 47 Historic
48	Trail (not recent)	49	Wood (worked)	50 <u>  </u> Period Unknown
51	Miscellaneous	52	Other	
53 <u>  </u> Isolated Find		CM Density	Basis for Dating	
		54 <u>  </u>	55 <u>  </u>	

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
56 <u>  </u>	57 <u>  </u> 58 <u>  </u>	59 <u>  </u> 60 <u>  </u>	61 <u>  </u>	62 <u>  </u>
Elevation	Drainage System			Dist Perm Water
63 <u>  </u> 67 <u>  </u>	1 <u>  </u>	21 <u>  </u>	22 <u>  </u>	26 <u>  </u>
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
27 <u>  </u>	28 <u>  </u> 32 <u>  </u>	33 <u>  </u>	34 <u>  </u> 37 <u>  </u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
38 <u>  </u>	39 <u>  </u>	40 <u>  </u>	41 <u>  </u>	42 <u>  </u>
Fieldwork Date	Management Recommendation			
43 <u>  </u> 48 <u>  </u>	49 <u>  </u>			
Additional Information				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
41 <u>  </u> 43 <u>  </u>	44 <u>  </u> 45 <u>  </u>	46 <u>  </u>	47 <u>  </u>	48 <u>  </u>	49 <u>  </u>
State Register	National Register	E C F T F	MS Number		
50 <u>  </u>	51 <u>  </u>	52 <u>  </u> 53 <u>  </u>	54 <u>  </u>	61 <u>  </u>	

Coder                     

Date Coded

NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code	SITS #		State	County	Site Number
<u>1-2-3</u>	<u>3</u>	<u>2</u>	<u>11</u>	<u>13</u>	<u>15</u> <u>18</u>
Site Name	LTL	Twp	R	Sec	QQQ QQ Q
<u>19</u> <u>38</u>	<u>39</u>	<u>40</u>	<u>47</u>	<u>48</u>	<u>49</u> <u>50</u>
Map Quad	LTL	Twp	R	Sec	QQQa QQa Q
<u>51</u> <u>68</u>	<u>69</u>	<u>70</u>	<u>77</u>	<u>78</u>	<u>79</u> <u>80</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1	Conical Timber Lodge	2	Bone (worked)	<u>5</u> <u>12 m<sup>2</sup></u>
3	CM Scatter	4	Ceramics (Native)	
13	Earthlodge Village	14	Charcoal	
15	Earthworks	16	Copper (Native)	Cultural Depth
17	Fortification	18	Faunal Remains (skeletal)	<u>19</u> <u>21</u>
22	Grave	23	Fire Cracked Rock	
24	Hearth	25	Floral Remains	Depth Indicator
26	Jump	27	Fossil	<u>28</u>
29	Mound	30	Hide, Hair, Fur	
31	Other Rock Features	32	Human Remains	CULTURAL/TEMPORAL
33	Pit	34	Projectile Point	AFFILIATION
35	Quarry/Mine	36	Shell (worked)	37 <u>Paleo</u>
38	Rock Art	39	Stone, chipped	40 <u>Archaic</u>
41	Rock Shelter	42	Stone, ground	43 <u>Late Prehistoric</u>
44	Stone Circle	45	Trade Good (non-Native)	46 <u>47 Historic</u>
48	Trail (not recent)	49	Wood (worked)	50 <u>Period Unknown</u>
51	Miscellaneous	52	Other	
CM Density		Basis for Dating		
53 <u>Isolated Find</u>	54 <u></u>	55 <u></u>		

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u>	<u>57</u> <u>58</u>	<u>59</u> <u>60</u>	<u>61</u>	<u>62</u>
Elevation	Drainage System			Dist Perm Water
<u>63</u> <u>67</u> m.	<u>1</u>		<u>21</u>	<u>22</u> <u>26</u> m.
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>27</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date	Management Recommendation			
<u>43</u> <u>48</u>	<u>49</u>			
Additional Information				
<u>1</u> <u>40</u>				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder                      Date Coded

Field Code USD-35NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is on county road 55, 4½ miles west of Walhalla, turn south onto a gravel road, go south and west on the gravel road for about 2½ miles until you come to a scenic overlook point on the east side of the road. The site is in the fields east and south of the overlook.
2. Description of Site The site is located in a cultivated field along the bluff edge of the Little South Pembina River. The site extends only 150 to 200 meters back from the bluff edge. The site has an excellent view of the River valley. A rather heavy scatter of lithic and bone debris was recovered. Scrapers, cores, flakes, one piece of obsidian flake, etc., were recovered. No culturally diagnostic artifacts were recovered. No features were observed.
3. Description of Cultural Materials A large quantity of chert and flint flakes, cores, chunks and some tools, bifaces, scrapers, etc., were collected. Some historic ceramics and glass was recovered. On knife river end scraper, one fragment of an obsidian flake, were recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Carl Kartes, Russell and Lena Thompson,
8. Vegetation Crops
9. Cover (% of visible ground) part 50%, cut wheat, most of site 100%, plowed
10. Man-hours spent on site 8
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Carl Kartes, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This is a very large habitation site, prehistoric. The size of the site, the large quantity of chipped stone artifacts, makes further investigations of this site necessary.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/17/81

Field Code USD-35

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.



B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

USD-35 Pembin

Storage Location \_\_\_\_\_

USDAL

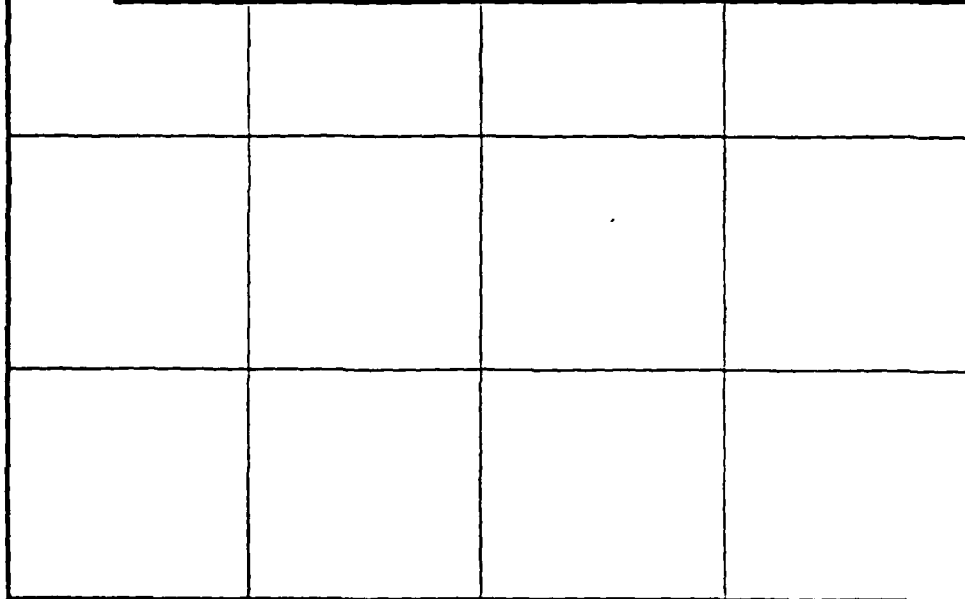
Map Key:



W

E

Map Scale:



Recorded by Kenneth and Marie Brown

Date 8/17/81



Field Code U5D-35

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

SITE  
PHOTO


B.W. ☐ Color ☐


Photo I.D. Code \_\_\_\_\_

Storage Location \_\_\_\_\_

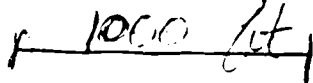
SKETCH MAP

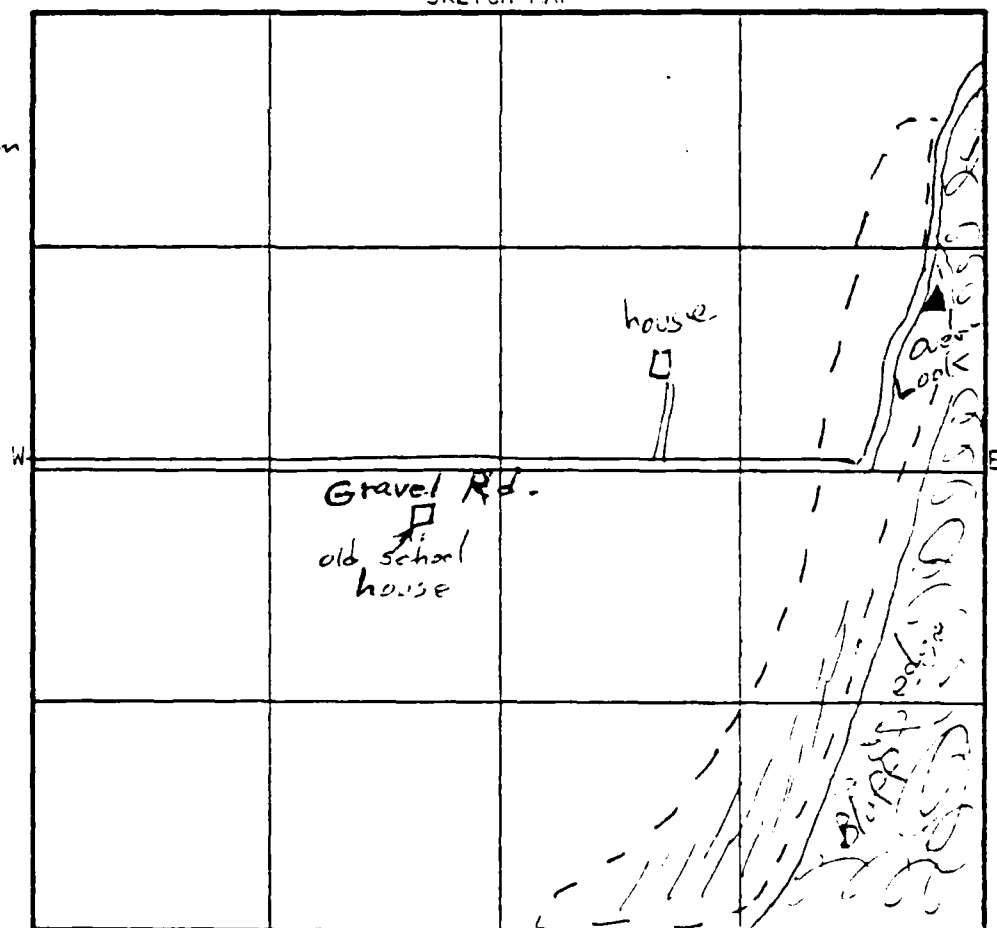
Map Key:

 plastic datum

 concentration  
of artifacts

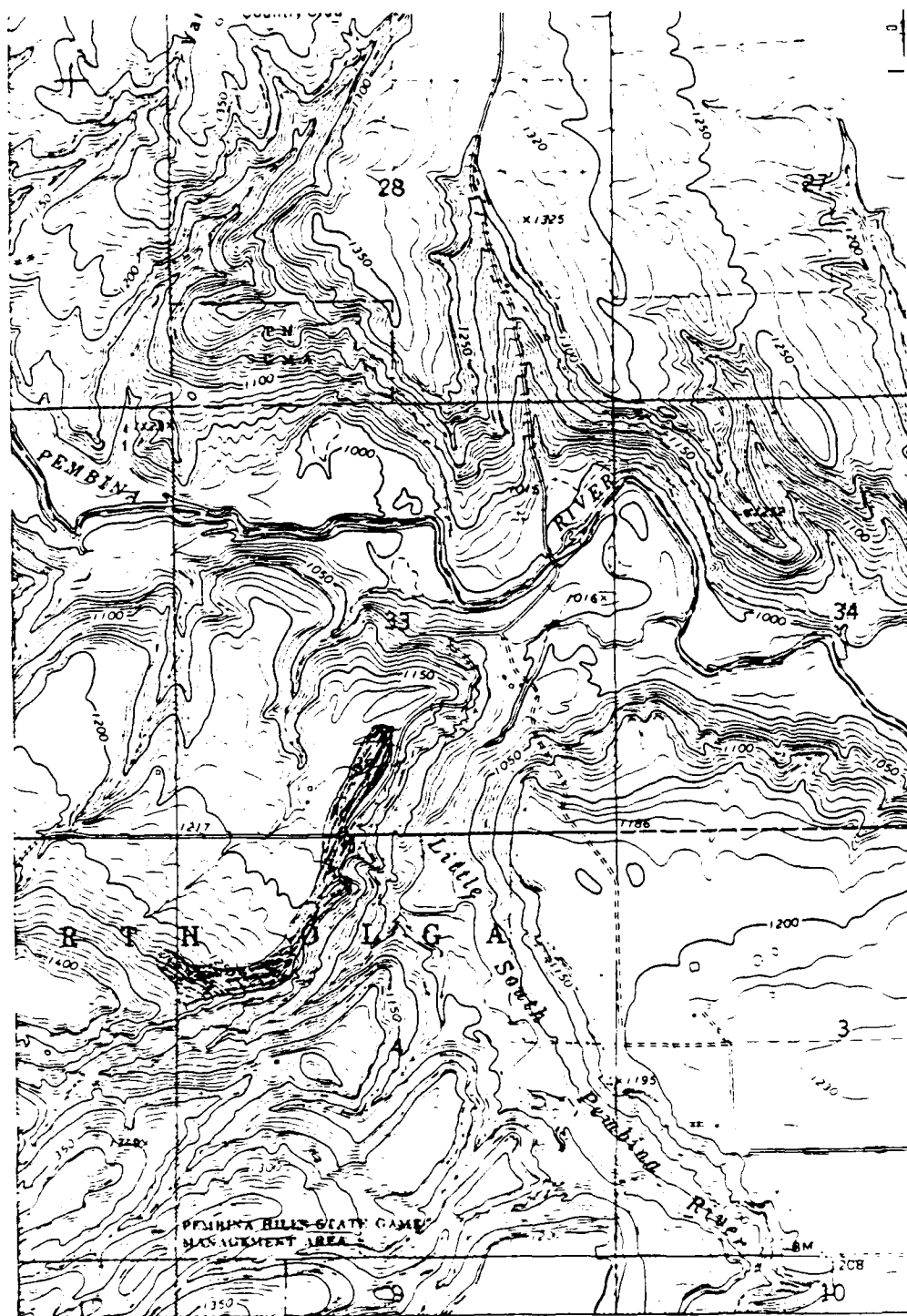
Map Scale:

 1000 ft



Recorded by Kenneth & Marie Brown

Date 8/17/81



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

1. N1/2
2. S1/2
3. S1/2
4. W1/2
5. NE1/4
6. SE1/4
7. SW1/4
8. NW1/4
9. C

I. SITE I.D.

Field Code 10 SITS # 32 State CA County CV Site Number 8

Site Name 19 LTL 39 Twp 40 R 57 Sec 33 QQQ 1 QQ 5 Q 8

Map Quad 51 LTL 69 Twp 70 R 57 Sec 33 QQQ 1 QQ 5 Q 8

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>2750</u> 12 m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 <u>21</u>
22 <input type="checkbox"/> Hearth	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Jump	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Mound	27 <input type="checkbox"/> Hide, Hair, Fur	28 <input type="checkbox"/> Other Rock Features	29 <input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION
31 <input type="checkbox"/> Pit	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Quarry/Mine	34 <input type="checkbox"/> Shell (worked)	37 <input type="checkbox"/> Paleo
35 <input type="checkbox"/> Rock Art	36 <input type="checkbox"/> Stone, chipped	38 <input type="checkbox"/> Rock Shelter	39 <input type="checkbox"/> Stone, ground	40 <input type="checkbox"/> Archaic
41 <input type="checkbox"/> Stone Circle	42 <input type="checkbox"/> Trade Good (non-Native)	43 <input type="checkbox"/> Trail (not recent)	44 <input type="checkbox"/> Wood (worked)	43 <input type="checkbox"/> Late Prehistoric
48 <input type="checkbox"/> Miscellaneous	49 <input type="checkbox"/> Other	50 <input type="checkbox"/> Isolated Find	51 <input type="checkbox"/> CM Density	46 <input type="checkbox"/> 47 Historic
				50 <input type="checkbox"/> Period Unknown
				Basis for Dating
				55 <u>1</u>

III. ENVIRONMENT

Landform 1 56 Landform 2 57 Slope/Exposure 59 View, degree 61 View, distance 62

Elevation 63 Drainage System 67 Dist Perm Water 62

Perm Water Type 27 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 40 Test 41 Excavation 42

Fieldwork Date 43 Management Recommendation 49

Additional Information 48

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder                     

Date Coded

1. Access Access to the site is 4½ miles west of Walhalla on county road 55, turn south onto a gravel road, go south to just before crossing the old bridge over the Pembina River, turn west into a cultivated field, follow a trail west for 3/4 mile. The site is located on a slope and around a dried slough.
2. Description of Site The site is located on a slope, base of a bluff, and around and in a dried slough. A few chipped stone artifacts came from the base of the bluff slope, most of the bone came from around the dried slough.
3. Description of Cultural Materials A few chipped stone artifacts were recovered. None are culturally diagnostic. A large quantity of bone, bison/cow size, were recovered from around the dried slough.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Lynn Carpenter
8. Vegetation Crops
9. Cover (% of visible ground) 50% on slope, cut wheat, 100% in slough, plowed
10. Man-hours spent on site 5
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Carl Kartes, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The thin scatter of lithic debris, and the probable recent origin of the bones from around the slough, suggests the site has probably been eroded out, on the slope, and is not of much prehistoric significance concerning buried, in situ artifacts and features.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/16/81

Field Code USD-36NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

## TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

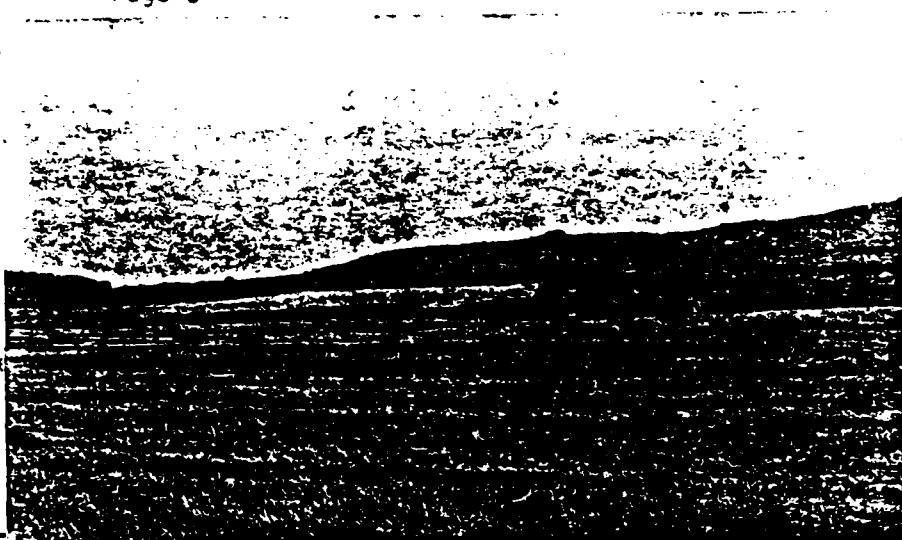
B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

USD-36, PembinaStorage Location \_\_\_\_\_  
USDAL

## SKETCH MAP

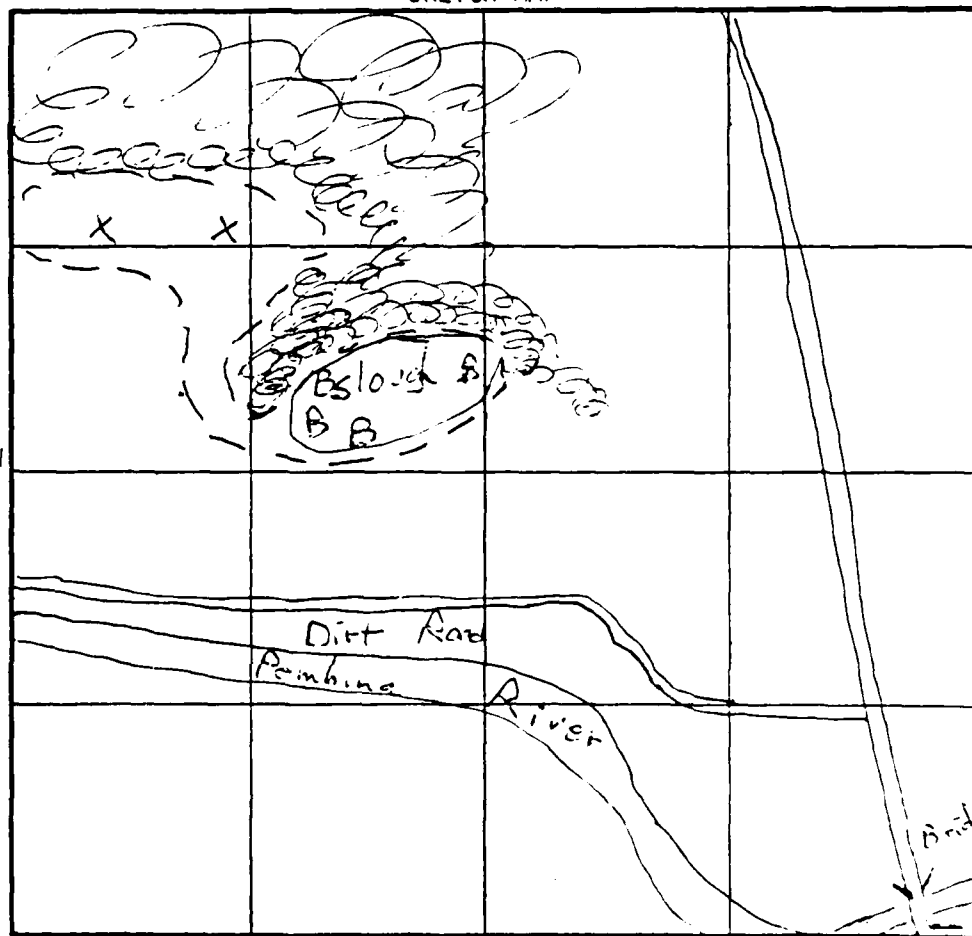
Map Key:  
X - flakesB = bones  
concentrations

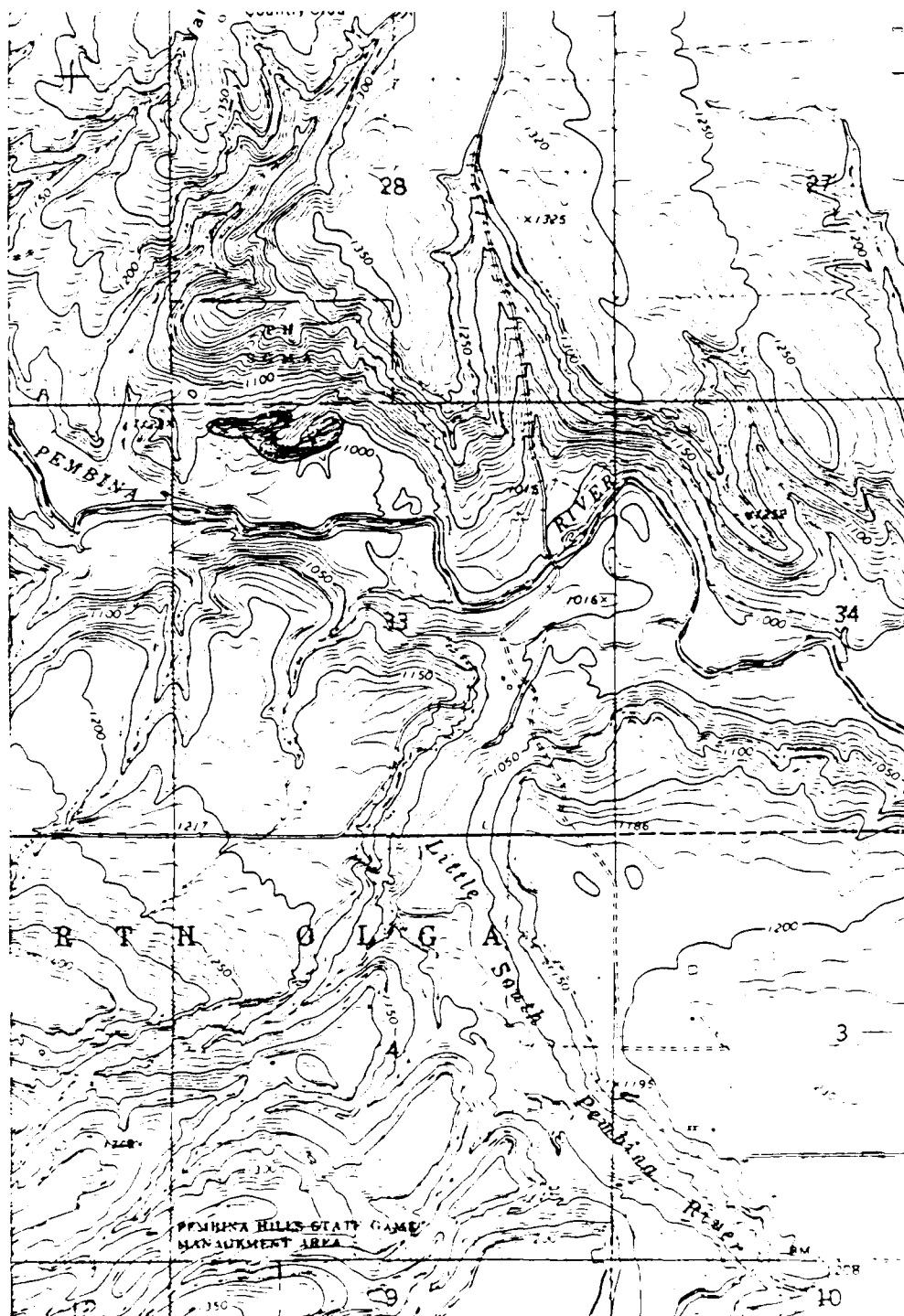
timber

--- site  
area

Map Scale:

1 600 ft

Recorded by Kenneth and Marie BrownDate 8/16/91



# NDCRS SITE FORM ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code

USD-50

Site Name

19 38

Map Quad

51 68

SITS #

State County Site Number

3 2 CV 9

LTL Typ R Sec QQQ QQ Q

0 16 3 57 28 2 5

LTL<sup>a</sup> Typ<sup>a</sup> R<sup>a</sup> Sec<sup>a</sup> QQQ<sup>a</sup> QQ<sup>a</sup> Q<sup>a</sup>

0 16 3 57 28 4 2 6

II. SITE DESCRIPTION

SITE TYPE

- 1 Conical Timber Lodge
- 3 CM Scatter
- 13 Earthlodge Village
- 15 Earthworks
- 17 Fortification
- 22 Grave
- 24 Hearth
- 26 Jump
- 29 Mound
- 31 Other Rock Features
- 33 Pit
- 35 Quarry/Mine
- 38 Rock Art
- 41 Rock Shelter
- 44 Stone Circle
- 48 Trail (not recent)
- 51 Miscellaneous

CULTURAL MATERIAL

- 2 Bone (worked)
- 4 Ceramics (Native)
- 14 Charcoal
- 16 Copper (Native)
- 18 Faunal Remains (skeletal)
- 23 Fire Cracked Rock
- 25 Floral Remains
- 27 Fossil
- 30 Hide, Hair, Fur
- 32 Human Remains
- 34 Projectile Point
- 36 Shell (worked)
- 39 Stone, chipped
- 42 Stone, ground
- 45 Trade Good (non-Native)
- 49 Wood (worked)
- 52 Other

Site Area

5 135 000 12 m<sup>2</sup>

Cultural Depth

19 21

Depth Indicator

28 0

CULTURAL/TEMPORAL  
 AFFILIATION

- 37 Paleo
- 40 Archaic
- 43 Late Prehistoric
- 46 10 47 Historic
- 50 1 Period Unknown

III. ENVIRONMENT

Landform 1

56

Landform 2

57 58

Slope/Exposure

59 60

View, degree

61

View, distance

62

Elevation

63 67

Drainage System

1

Dist Perm Water

22 26

Perm Water Type

27

Dist Seas Water

28 32

Seas Water Type

33

Ecosystem

34 37

IV. C.R.M.

Ownership

38

Site Condition

39

Collection

40

Test

41

Excavation

42

Fieldwork Date

43 48

Management Recommendation

49

Additional Information

CR-HISTORIC CERAMICS, GLASS

OFFICE USE ONLY

Soil Association

41 43

Ecozone

44 45

Area Signf

46

CR Type

47

Verified Site

48

Non-Site

49

State Register

50

National Register

51

E C F

52

T F

53

MS Number

54

Coder

Date Coded

# NDCRS SITE FORM ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
15A-50

Site Name  
19 38

Map Quad  
51 68

SITS #

State County Site Number  
3 2 CV  
11 13 15 18

LTL Twp R Sec QQQ QQ Q  
0 163 5728 8 7 6

LTL Twp R Sec QQQa QQa Qa  
0a 163 5728 8a 7a 6a

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>12</u> m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 <u>21</u>
22 <input type="checkbox"/> Hearth	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Jump	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Mound	27 <input type="checkbox"/> Hide, Hair, Fur	29 <input type="checkbox"/> Other Rock Features	30 <input type="checkbox"/> Human Remains	28 <u>  </u>
31 <input type="checkbox"/> Pit	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Quarry/Mine	34 <input type="checkbox"/> Shell (worked)	CULTURAL/TEMPORAL AFFILIATION
35 <input type="checkbox"/> Rock Art	36 <input type="checkbox"/> Stone, chipped	38 <input type="checkbox"/> Rock Shelter	37 <input type="checkbox"/> Stone, ground	39 <input type="checkbox"/> Paleo
41 <input type="checkbox"/> Stone Circle	42 <input type="checkbox"/> Trade Good (non-Native)	44 <input type="checkbox"/> Trail (not recent)	43 <input type="checkbox"/> Wood (worked)	40 <input type="checkbox"/> Archaic
48 <input type="checkbox"/> Miscellaneous	49 <input type="checkbox"/> Other	51 <input type="checkbox"/> Isolated Find	50 <input type="checkbox"/> Period Unknown	41 <input type="checkbox"/> Late Prehistoric
	CM Density	Basis for Dating		42 <input type="checkbox"/> Historic
	54 <u>  </u>	55 <u>  </u>		43 <input type="checkbox"/> Period Unknown

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u>	<u>57</u> <u>58</u>	<u>59</u> <u>60</u>	<u>61</u>	<u>62</u>
Elevation	Drainage System			Dist Perm Water
<u>63</u> <u>67</u> m.	<u>1</u>	<u>21</u>	<u>22</u>	<u>26</u> m.
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>27</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date	Management Recommendation			
<u>43</u> <u>48</u>	<u>49</u>			
Additional Information				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder 5/1/88

Date Coded 5/1/88



NDCRS-ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Field Code USD-50

Site Number \_\_\_\_\_

1. Access Access to the site is 4½ miles west of Walhalla on highway 55, turn south onto a gravel road, go south for ½ mile, site is on hill and slope west of the road.
2. Description of Site The site is in a cultivated field on a bluff top and hill slope. The south and east and west boundaries of the site are bounded by steep slopes and timber. A thin scatter of chipped stone tools, bone, and historic artifacts of ceramics and glass were recovered from the surface of the ground. The historic artifacts came from the point on the bluff over-look and at a shallow ravine near the north end of the site. The prehistoric artifacts were from over the whole site.
3. Description of Cultural Materials Fragments of bone and chipped stone artifacts were recovered. No culturally diagnostic artifacts were recovered. The historic bottle necks suggest a date of late 19th century.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Leo Hornung
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The location of this site, with its excellent view of the Pembina River Valley, may have buried prehistoric materials. The historic materials suggests a late 19th century occupation and should be checked (this is being done now)
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie Brown

Date 8/19/81

Field Code USD-50

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.





B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-50 Pembina

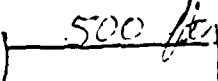
Storage Location USDAL

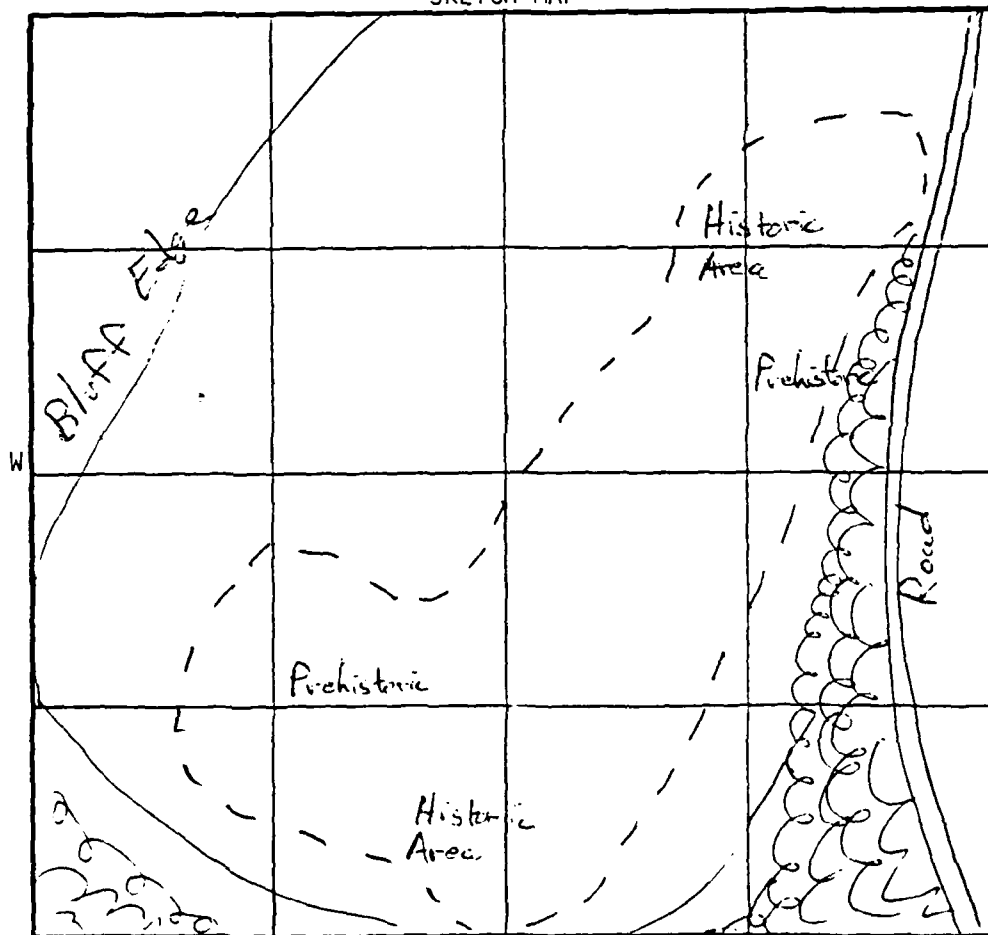
SKETCH MAP

Map Key:

 trees  
 site area

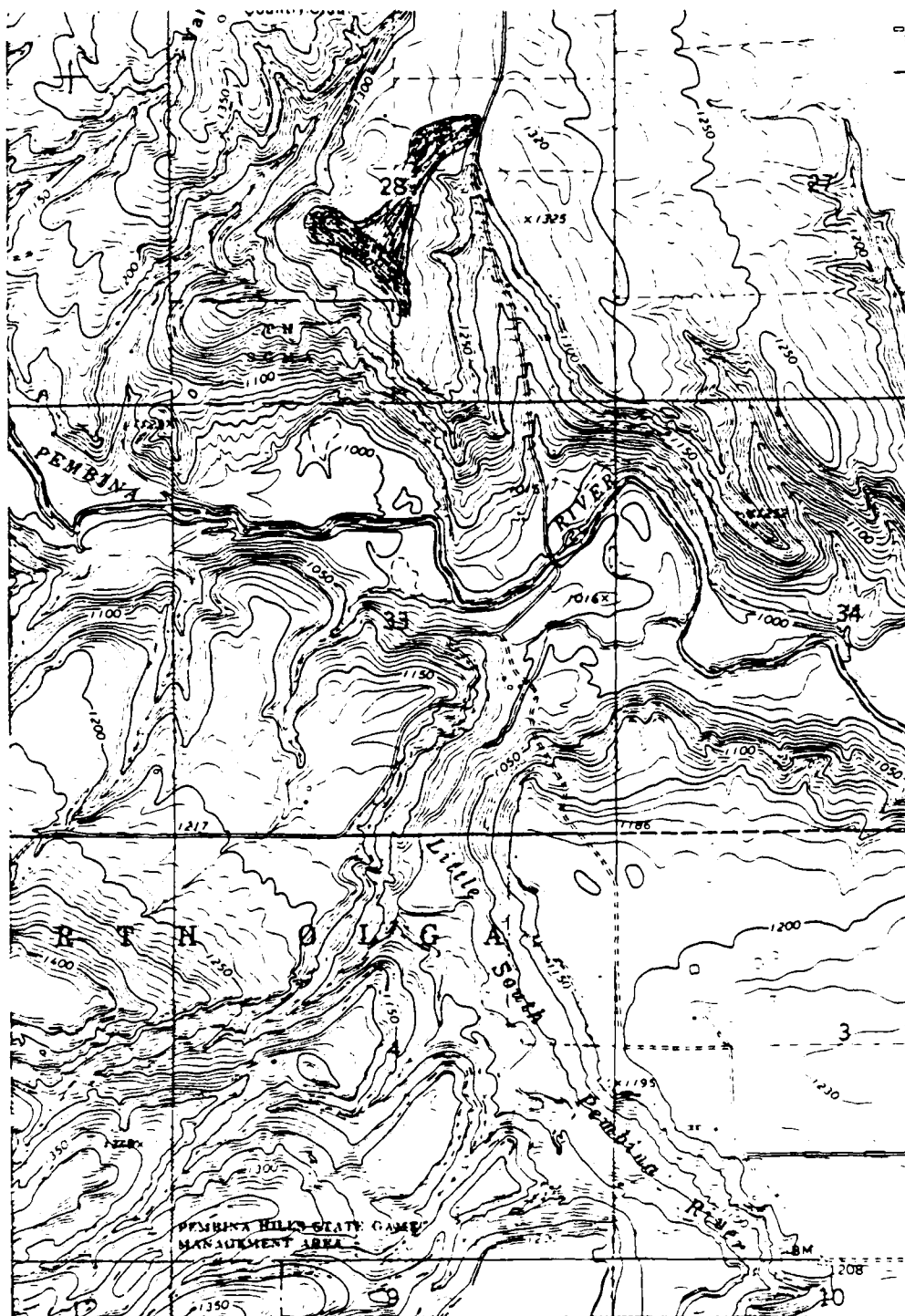
Map Scale:

 500 ft



Recorded by Kenneth and Marie Brown

Date 8/19/81



# CRS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
000-02  
1 \_\_\_\_\_ 10  
Site Name  
\_\_\_\_\_  
19 \_\_\_\_\_ 38  
Map Quad  
116  
51 \_\_\_\_\_ 68

SITS #

State County Site Number  
3.2 CK 10  
11 13 15 18  
LTL Twp R Sec QQQ QQ Q  
0 163 5314 4 7 8  
39 40 47 48 49 50  
LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
69 70 77 78 79 80

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input checked="" type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/>	1 <input type="checkbox"/> Bone (worked)	2 <input type="checkbox"/>	5 <u>9375</u> 12 m <sup>2</sup>
3 <input checked="" type="checkbox"/> CM Scatter	4 <input type="checkbox"/>	3 <input type="checkbox"/> Ceramics (Native)	4 <input type="checkbox"/>	
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/>	13 <input type="checkbox"/> Charcoal	14 <input type="checkbox"/>	
15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/>	15 <input type="checkbox"/> Copper (Native)	16 <input type="checkbox"/>	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/>	17 <input type="checkbox"/> Faunal Remains (skeletal)	18 <input type="checkbox"/>	19 <u>21</u>
22 <input type="checkbox"/> Grave	23 <input type="checkbox"/>	22 <input type="checkbox"/> Fire Cracked Rock	23 <input type="checkbox"/>	
24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/>	24 <input type="checkbox"/> Floral Remains	25 <input type="checkbox"/>	Depth Indicator
26 <input type="checkbox"/> Jump	27 <input type="checkbox"/>	26 <input type="checkbox"/> Fossil	27 <input type="checkbox"/>	28 <u>0</u>
29 <input type="checkbox"/> Mound	30 <input type="checkbox"/>	29 <input type="checkbox"/> Hide, Hair, Fur	30 <input type="checkbox"/>	
31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/>	31 <input type="checkbox"/> Human Remains	32 <input type="checkbox"/>	CULTURAL/TEMPORAL
33 <input type="checkbox"/> Pit	34 <input type="checkbox"/>	33 <input type="checkbox"/> Projectile Point	34 <input type="checkbox"/>	AFFILIATION
35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/>	35 <input type="checkbox"/> Shell (worked)	36 <input type="checkbox"/>	37 <input type="checkbox"/> Paleo
38 <input type="checkbox"/> Rock Art	39 <input type="checkbox"/>	38 <input type="checkbox"/> Stone, chipped	39 <input type="checkbox"/>	40 <input type="checkbox"/> Archaic
41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/>	41 <input type="checkbox"/> Stone, ground	42 <input type="checkbox"/>	43 <input type="checkbox"/> Late Prehistoric
44 <input type="checkbox"/> Stone Circle	45 <input type="checkbox"/>	44 <input type="checkbox"/> Trade Good (non-Native)	45 <input type="checkbox"/>	46 <u>IC</u> 47 Historic
48 <input type="checkbox"/> Trail (not recent)	49 <input type="checkbox"/>	48 <input type="checkbox"/> Wood (worked)	49 <input type="checkbox"/>	50 <input type="checkbox"/> Period Unknown
51 <input type="checkbox"/> Miscellaneous	52 <input checked="" type="checkbox"/> Other			

53 ☐ Isolated Find CM Density 54 1 Basis for Dating 55 3

III. ENVIRONMENT

Landform 1 1 Landform 2 3 Slope/Exposure 10 View, degree 5 View, distance 5  
56 \_\_\_\_\_ 57 58 59 60 61 62  
Elevation 320 m. Drainage System 1 Dist Perm Water 5 m.  
63 \_\_\_\_\_ 67 1 21 22 26  
Perm Water Type \_\_\_\_\_ Dist Seas Water \_\_\_\_\_ Seas Water Type \_\_\_\_\_ Ecosystem  
27 \_\_\_\_\_ 28 32 33 34 37

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 40 Test 41 Excavation 42  
Fieldwork Date 2003 Management Recommendation 2  
43 \_\_\_\_\_ 48 49  
Additional Information  
CHIEFSTONE HOUSE FOUNDATION, WAGON PARTS  
1 \_\_\_\_\_ 40

OFFICE USE ONLY

OFFICE USE ONLY  
Soil Association \_\_\_\_\_ Ecozone \_\_\_\_\_ Area Signf \_\_\_\_\_ CR Type \_\_\_\_\_ Verified Site \_\_\_\_\_ Non-Site \_\_\_\_\_  
41 43 44 45 46 47 48 49  
State Register \_\_\_\_\_ National Register \_\_\_\_\_ E C F T F MS Number \_\_\_\_\_  
50 \_\_\_\_\_ 51 52 53 54 61

Coder 000-02

Date Coded \_\_\_\_\_

1. Access Access to the site is 6 miles west of Walhalla on highway 55, turn north onto a gravel road just before crossing the bridge over the Pembina River, follow the road to its end, which is about 3 miles, in a winding, northwesterly direction. The site is on the south side of the Pembina River.
2. Description of Site The site is adjacent to the Pembina River, on its south side. The site is grown up in weeds and underbrush. In the north end of the site is a rock foundation, old wagon parts, metal, etc. This is an early farmstead which must date to the late 19th century. There has been alot of s ale deposited on portions of the site, as evidenced by half-buried wagon wheels. The site is on North Dakota State Fish and Game Property.
3. Description of Cultural Materials A rock foundation, metal wagon parts, wooden building remnants are visible in the weeds and brush. No cultural material was collected, since it was all too large to carry out on foot.
4. Artifact Repository None
5. Description of Subsurface Testing None
6. Current Use of Site Wildlife Refuge
7. Owner's Name/Address North Dakota Fish and Game Department
8. Vegetation Weeds, brush
9. Cover (% of visible ground) 5%
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site is probably an early farmstead. There is currently being a literature and records search. Since the site probably dates to the mid or late 19th century, further investigations should be conducted at the site.
17. Comments/References \_\_\_\_\_

Field Code USD-52

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.



~~B.W.~~ ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

USD-52 Pembina

Storage Location \_\_\_\_\_

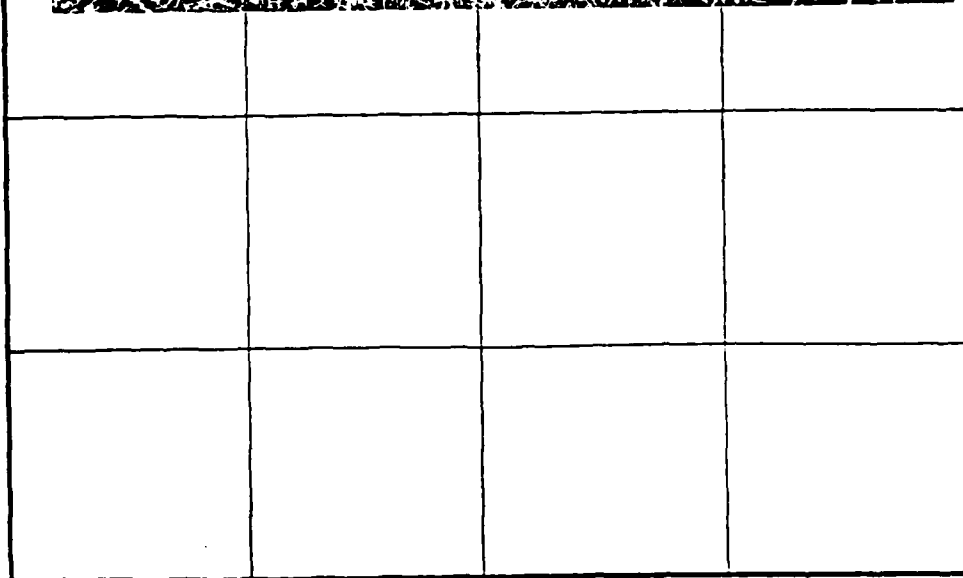
USDAL

Map Key:



W

Map Scale:



Recorded by Kenneth and Marie Brown

Date 8/20/81

Field Code USD-52

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the 7.5' U.S.G.S. topographic quadrangle that shows the location of the site.

Mark the boundaries of the site on the topographic section.

SITE  
PHOTO


B.W. ☐ Color ☐

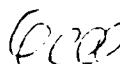
Photo I.D. Code \_\_\_\_\_

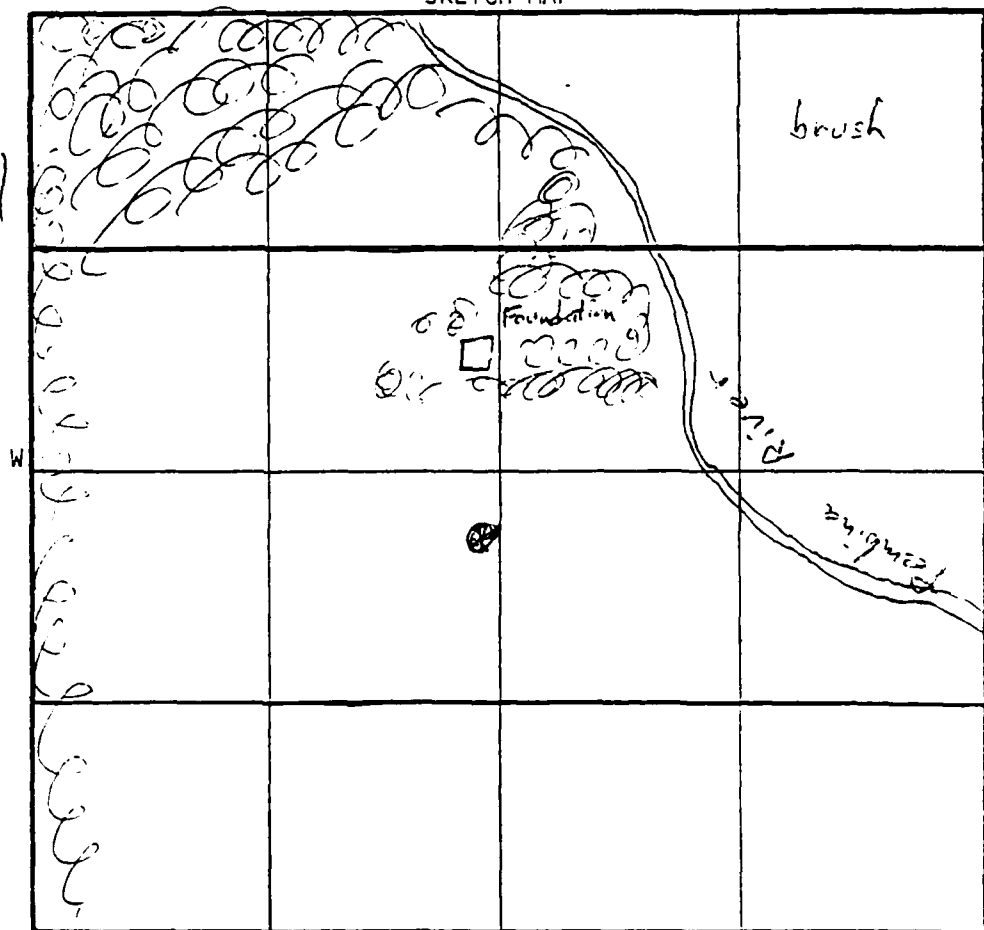
Storage Location \_\_\_\_\_

N  
SKETCH MAP

Map Key:

 half buried wagon wheel

 timber & brush

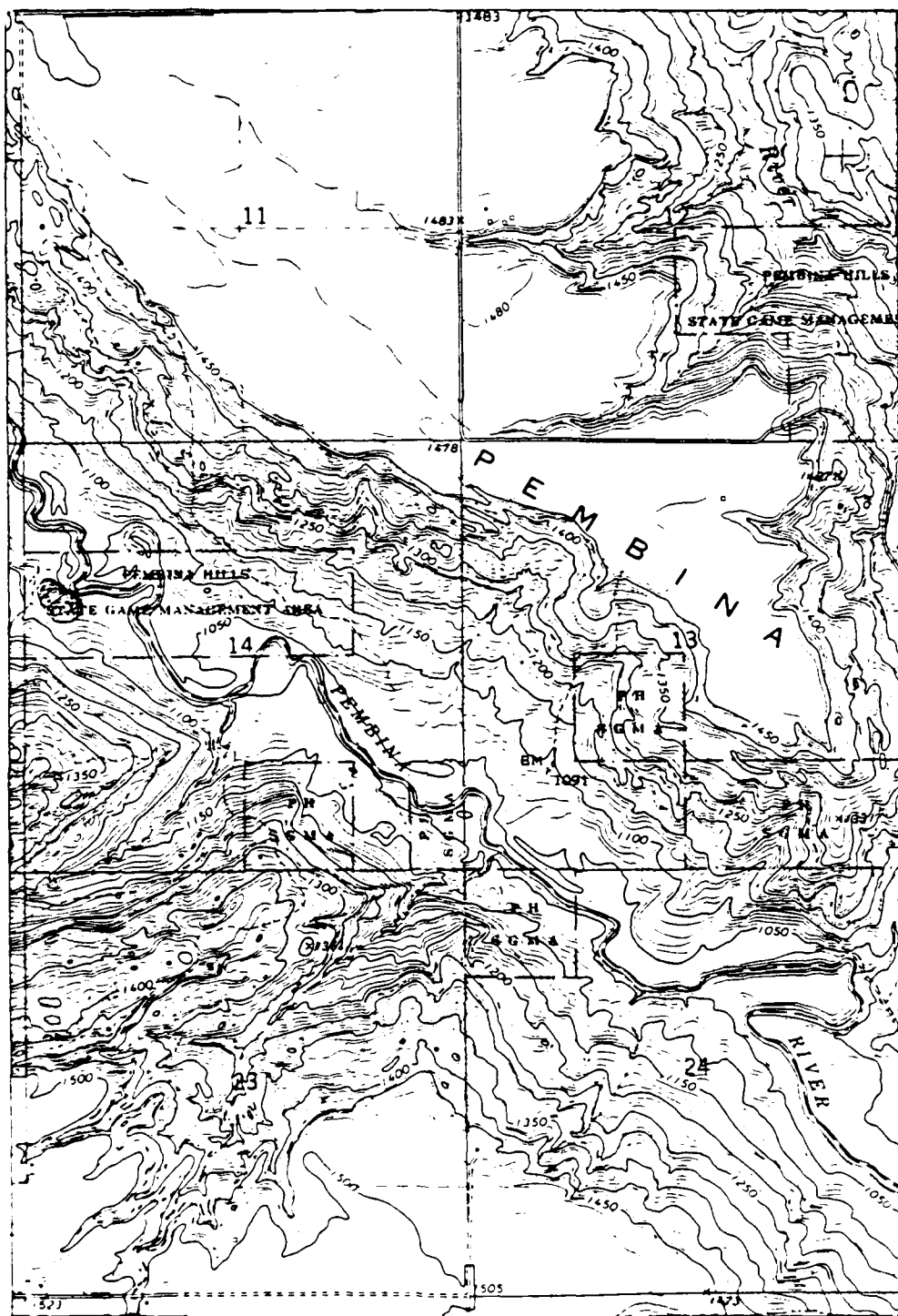


Map Scale:

200 ft.

Recorded by Kenneth & Marie Brown

Date 8/20/81





# MOORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
030-54

Site Name  
SPICKMINE

Map Quad  
VA-6

SITS #  
State County Site Number  
32 CK 11

LTL Twp R Sec QQQ QQ Q  
0 163 57 33 - 5 5  
39 40 47 48 49 50  
LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
69 70 77 78 79 80

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>20000</u> 12 m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input checked="" type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 <u>21</u>
22 <input type="checkbox"/> Hearth	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Mound	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Other Rock Features	27 <input type="checkbox"/> Hide, Hair, Fur	28 <input type="checkbox"/> Pit	29 <input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION
31 <input type="checkbox"/> Quarry/Mine	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Rock Art	34 <input type="checkbox"/> Shell (worked)	37 <input type="checkbox"/> Paleo
35 <input type="checkbox"/> Rock Shelter	35 <input type="checkbox"/> Stone, chipped	36 <input type="checkbox"/> Stone Circle	36 <input type="checkbox"/> Stone, ground	40 <input type="checkbox"/> Archaic
38 <input type="checkbox"/> Trail (not recent)	37 <input type="checkbox"/> Trade Good (non-Native)	39 <input type="checkbox"/> Miscellaneous	38 <input type="checkbox"/> Wood (worked)	43 <input type="checkbox"/> Late Prehistoric
41 <input type="checkbox"/> Isolated Find	39 <input type="checkbox"/> Other	42 <input type="checkbox"/> CM Density	40 <input type="checkbox"/> Basis for Dating	46 <input checked="" type="checkbox"/> 47 Historic
43 <input type="checkbox"/> CM Density	41 <input type="checkbox"/> Basis for Dating	44 <input type="checkbox"/> Isolated Find	42 <input type="checkbox"/> Basis for Dating	50 <input type="checkbox"/> Period Unknown

III. ENVIRONMENT

Landform 1 2 Landform 2 10 Slope/Exposure 5 View, degree 2 View, distance 5  
56 57 58 59 60 61 62  
Elevation 300 m. Drainage System PERMANENT DRAINAGE Dist Perm Water 50 m.  
63 67 1 21 22 26  
Perm Water Type 1 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34 37

IV. C.R.M.

Ownership 13 Site Condition 0 Collection 3 Test 0 Excavation 0  
38 39 40 41 42  
Fieldwork Date 5/2/81 Management Recommendation 2  
43 48 49

OFFICE USE ONLY

Additional Information  
20-CEAS, 20-CEAS-FOUNDATIONS, METAL  
1 40  
OFFICE USE ONLY  
Soil Association Ecozone Area Signf CR Type Verified Site Non-Site  
41 43 44 45 46 47 48 49  
State Register National Register E C F T F MS Number  
50 51 52 53 54 61

Coder 030-54 Date Coded 5/2/81

1. Access Access to the site is 4 1/2 miles west of Walhalla on highway 55, turn south onto a gravel road, go south 1 1/2 miles. This is the old Brickmine and factory. The site is on the east side of the road, before you cross the bridge over the Pembina River.
2. Description of Site The site is mostly is weeds and timber. Some junked, old cars are scattered about the site. An old road, now grown over, leads to a cement foundation and ditch, part of the boilers or furnaces of the brick factory. Large quantities of deteriorating brick occur just below the surface at the bluff slope around the cement foundation.
3. Description of Cultural Materials A large quantity of brick fragments, historic glass and metal were collected. The brick factory has still intact cement foundations and a discernible road which is grown over with brush.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site None
7. Owner's Name/Address John L. Hornung
8. Vegetation Weeds, timber
9. Cover (% of visible ground) 5%
10. Man-hours spent on site 10
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This is the brick factory, and was an important factory at the turn of the 20th century. This site is now a well known local landmark. An in-depth literature and records search is being made of the Brickmine. Further investigations should be conducted here.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/27/01

Field Code USD-54NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograp  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographi  
section.

B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

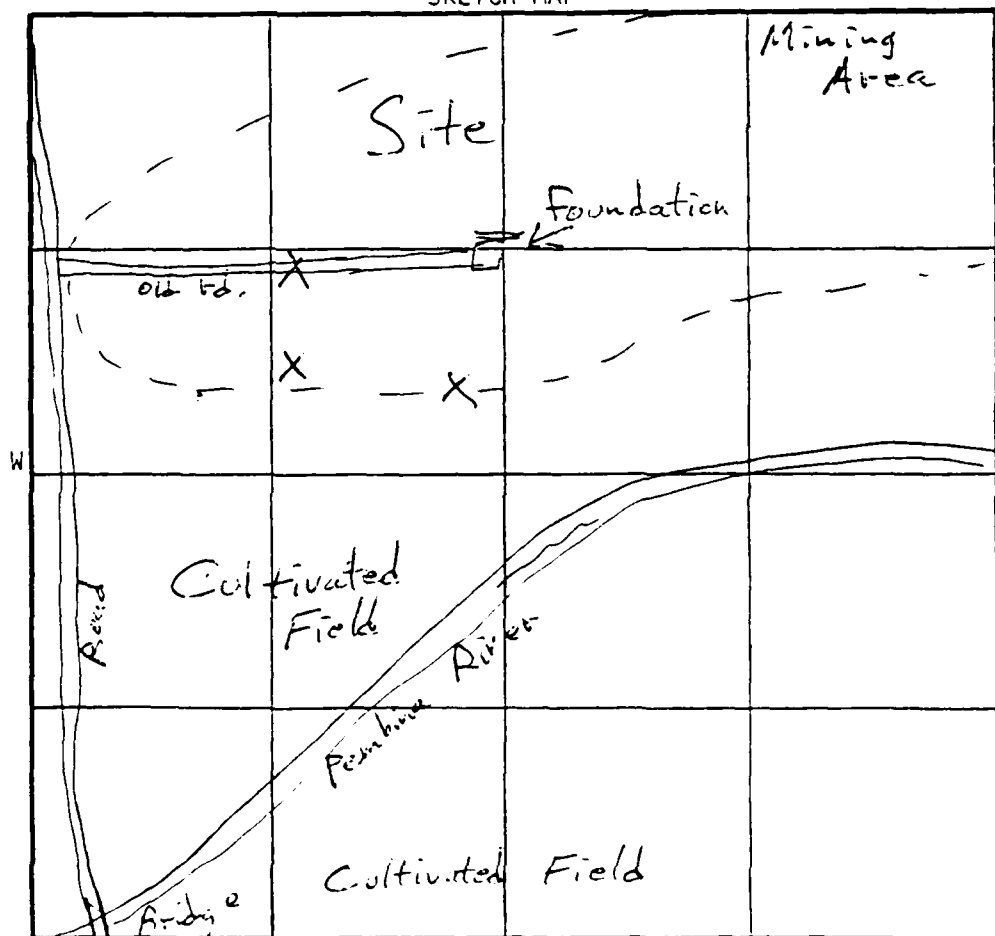
USD-54 Pembina

Storage Location \_\_\_\_\_

USDALN  
SKETCH MAP

Map Key:

X = old cars

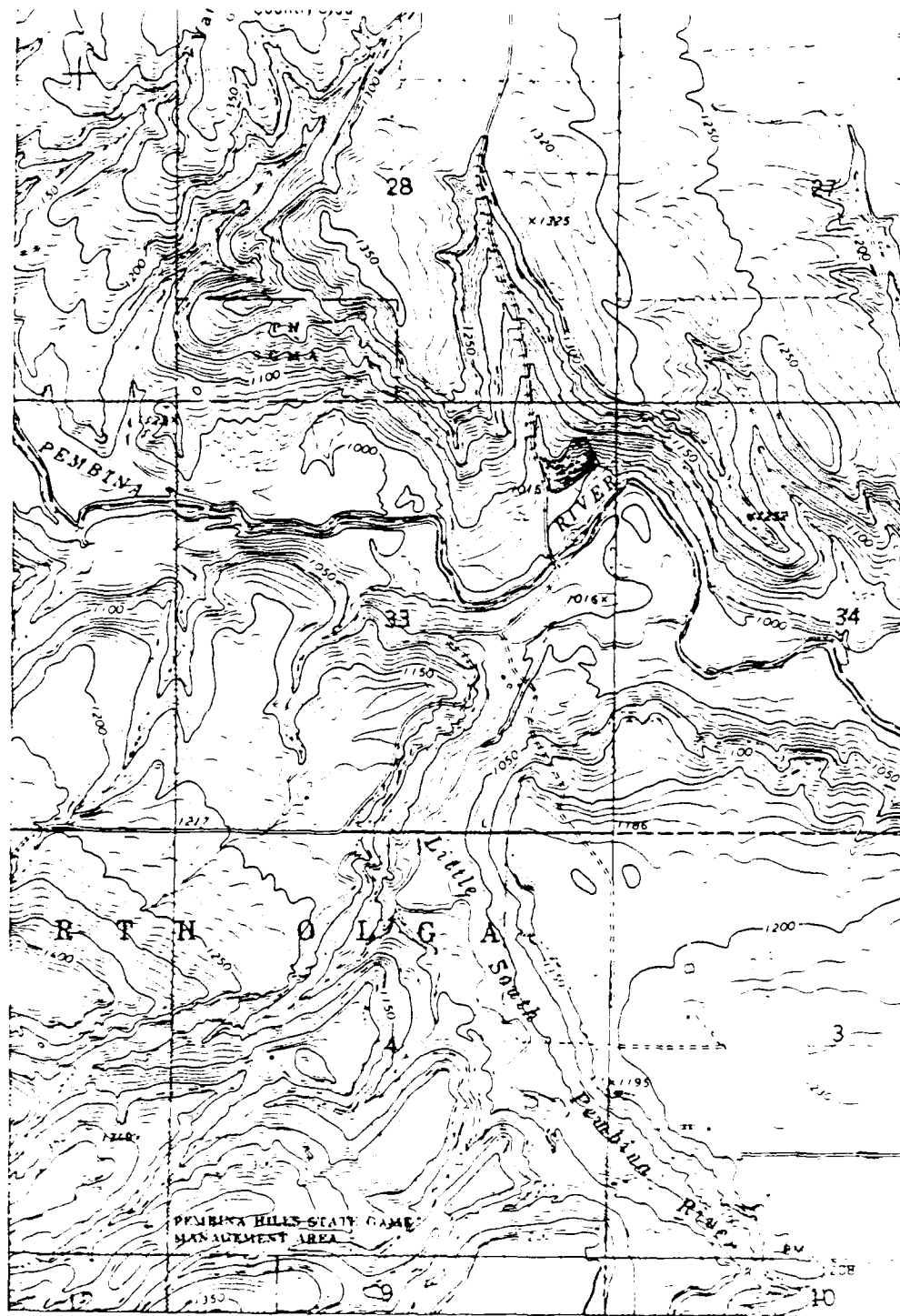


Map Scale:

1 200 ftRecorded by Kenneth and Marie Brown

S

Date 8/20/81



UNCRS SITE FORM  
ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
LSD-57

Site Name  
FISH TRAP

Map Quad  
VANG

SITS #

State County Site Number  
32 CV 12

LTL Twp R Sec QQQ QQ Q  
0 163 57 19 7 6 7

LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
0 163 57 19 7 6 7

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>20000</u> 12 m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 <u>21</u>
22 <input type="checkbox"/> Grave	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Jump	27 <input type="checkbox"/> Hide, Hair, Fur	28 <input type="checkbox"/> Mound	29 <input type="checkbox"/> Human Remains	28 <u>0</u>
31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Pit	34 <input type="checkbox"/> Shell (worked)	CULTURAL/TEMPORAL AFFILIATION
35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/> Stone, chipped	37 <input type="checkbox"/> Rock Art	38 <input type="checkbox"/> Stone, ground	37 <input type="checkbox"/> Paleo
41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/> Trade Good (non-Native)	43 <input type="checkbox"/> Stone Circle	44 <input type="checkbox"/> Wood (worked)	40 <input type="checkbox"/> Archaic
44 <input type="checkbox"/> Trail (not recent)	45 <input type="checkbox"/> Other	46 <input type="checkbox"/> Miscellaneous	47 <input type="checkbox"/> Other	43 <input type="checkbox"/> Late Prehistoric
51 <input type="checkbox"/> Isolated Find	52 <input type="checkbox"/> Other	53 <input type="checkbox"/> Isolated Find	54 <u>2</u>	46 <u>LC47</u> Historic
				50 <input type="checkbox"/> Period Unknown
				Basis for Dating
				55 <u>8</u>

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>3</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>5</u>
56	57 58	59 60	61	62
Elevation	Drainage System			Dist Perm Water
<u>317</u> m.	<u>PENNSYLVANIA RIVER</u>			<u>0</u> m.
63 67	1	21	22	26
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>1</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>3</u>	<u>5</u>	<u>1</u>	<u>0</u>	<u>0</u>
38	39	40	41	42
Fieldwork Date	Management Recommendation			
<u>10/18/81</u>	<u>2</u>			
43 48	49			

Additional Information  
MISSISSIPPIAN-DAKOTA FISH TRAP FOUNDATIONS

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F T F	MS Number		
<u>50</u>	<u>51</u>	<u>52</u> <u>53</u>	<u>54</u>	<u>55</u>	<u>56</u>

Coder 5000

Date Coded 10/18/81

Field Code USD-57

## NDCRS ARCHEOLOGY SITE FORM

Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 6 miles west of Walhalla on highway 55, turn north onto a gravel road just before crossing the bridge over the Pembina River. Following the winding, dirt road for about 3/4 mile to 1 mile, turn into cultivated field and drive south to Pembina River.
2. Description of Site This site is known as the Fishtrap, and has remnants of a rock dam, a canal ditch to run a grist mill, bridge pilings for a bridge across the Pembina River, and buried rock cellars to houses. Part of the site is in cultivation, the rest of the site is in timber and brush.
3. Description of Cultural Materials No cultural materials were collected. A rock dam, canal ditch, bridge pilings were observed and photographed.
4. Artifact Repository None
5. Description of Subsurface Testing None
6. Current Use of Site Corps, weeds
7. Owner's Name/Address Vernon Johnson
8. Vegetation Crops, weeds, timber
9. Cover (% of visible ground) 50%, 0%
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control p.i. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site is a local landmark. It is well known as the fishtrap. There was the first grist mill in the area built here. There may have been a community around this dam and mill, this may be the location of the community Valmont. This site requires additional investigation. A
17. Comments/References Records and literature search is being conducted now.

Recorded by Kenneth and Marie BrownDate 10/11/81

Field Code USD-57

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

SITE  
PHOTO

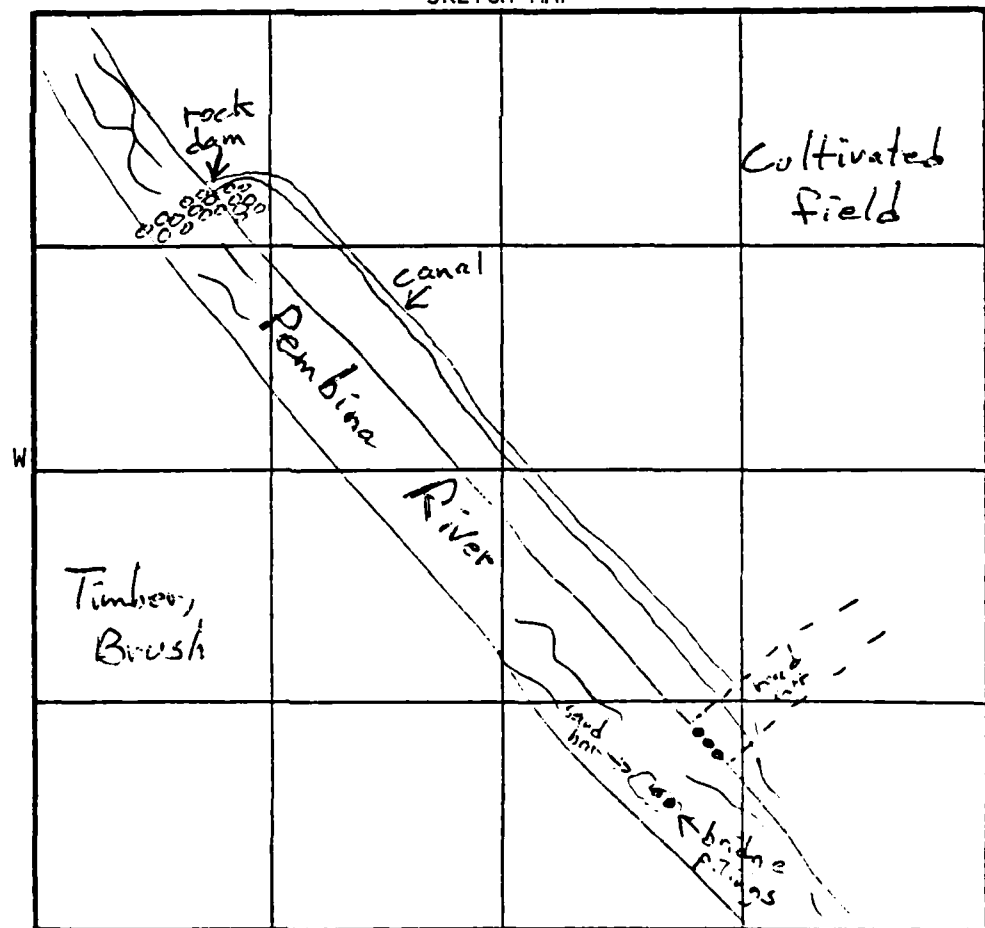
B.W. ☒ Color ☐

Photo I.D. Code  
USD-57 Pembina

Storage Location  
USDAL

SKETCH MAP

Map Key:



Map Scale:  
100' Feet

Recorded by Kenneth and Marie Brown

Date 10/11/81



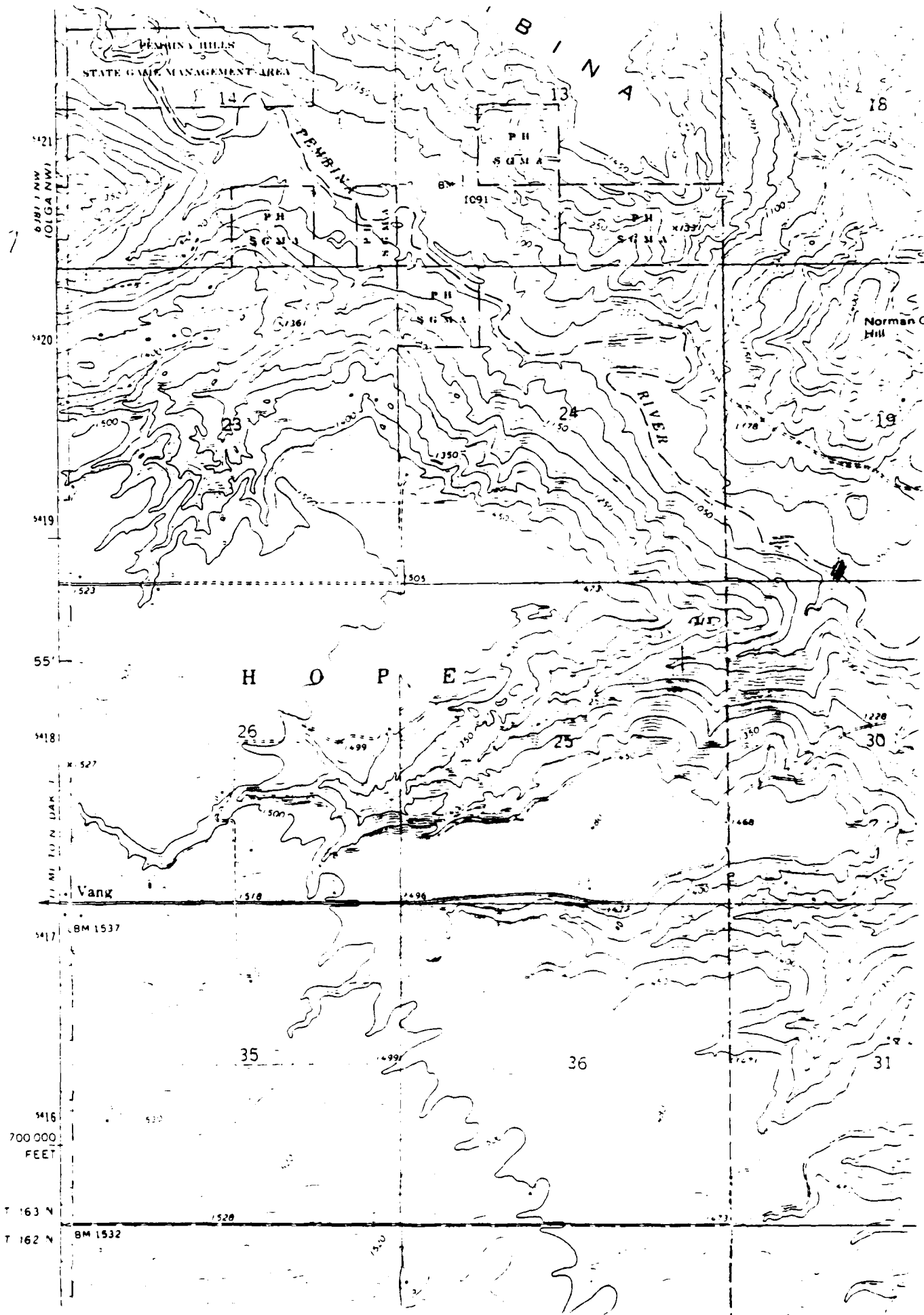
Bridge and  
March



Low







NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code	State		County		SITS #		Site Number	
<u>3 SB-1</u>	<u>3</u>	<u>2</u>	<u>P</u>	<u>R</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>18</u>
Site Name	LTL	Twp	R	Sec	QQQ	QQ	Q	
<u>19</u>	<u>39</u>	<u>40</u>	<u>53</u>	<u>27</u>	<u>6</u>	<u>7</u>	<u>5</u>	
Map Quad	LTL <sub>a</sub>	Twp <sub>a</sub>	R <sub>a</sub>	Sec <sub>a</sub>	QQQ <sub>a</sub>	QQ <sub>a</sub>	Q <sub>a</sub>	
<u>51</u>	<u>69</u>	<u>70</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>80</u>		

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1	<input checked="" type="checkbox"/> Conical Timber Lodge	2	<input type="checkbox"/> Bone (worked)	<u>5000</u> <sup>12</sup> m <sup>2</sup>
3	<input checked="" type="checkbox"/> CM Scatter	4	<input type="checkbox"/> Ceramics (Native)	Cultural Depth
13	<input type="checkbox"/> Earthlodge Village	14	<input type="checkbox"/> Charcoal	<u>21</u>
15	<input type="checkbox"/> Earthworks	16	<input type="checkbox"/> Copper (Native)	Depth Indicator
17	<input type="checkbox"/> Fortification	18	<input checked="" type="checkbox"/> Faunal Remains (skeletal)	<u>28</u>
22	<input type="checkbox"/> Grave	23	<input type="checkbox"/> Fire Cracked Rock	
24	<input type="checkbox"/> Hearth	25	<input type="checkbox"/> Floral Remains	
26	<input type="checkbox"/> Jump	27	<input type="checkbox"/> Fossil	
29	<input type="checkbox"/> Mound	30	<input type="checkbox"/> Hide, Hair, Fur	
31	<input type="checkbox"/> Other Rock Features	32	<input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION
33	<input type="checkbox"/> Pit	34	<input checked="" type="checkbox"/> Projectile Point	37 <input type="checkbox"/> Paleo
35	<input type="checkbox"/> Quarry/Mine	36	<input type="checkbox"/> Shell (worked)	40 <input checked="" type="checkbox"/> Archaic
38	<input type="checkbox"/> Rock Art	39	<input checked="" type="checkbox"/> Stone, chipped	43 <input checked="" type="checkbox"/> Late Prehistoric
41	<input type="checkbox"/> Rock Shelter	42	<input type="checkbox"/> Stone, ground	46 <u>10</u> <sup>47</sup> Historic
44	<input type="checkbox"/> Stone Circle	45	<input type="checkbox"/> Trade Good (non-Native)	50 <input type="checkbox"/> Period Unknown
48	<input type="checkbox"/> Trail (not recent)	49	<input type="checkbox"/> Wood (worked)	
51	<input type="checkbox"/> Miscellaneous	52	<input checked="" type="checkbox"/> Other	
53 <input type="checkbox"/> Isolated Find		CM Density	Basis for Dating	
		54 <u>1</u>	55 <u>3</u>	

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>1</u>	<u>7</u>	<u>10</u>	<u>4</u>	<u>2</u>
56	57 58	59 60	61	62
Elevation	Drainage System	Dist Perm Water		
<u>247</u> m.	<u>PEMBINA RIVER</u>	<u>23.15</u> m.		
63	67	21	22	26
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>3</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>3</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>
38	39	40	41	42
Fieldwork Date	Management Recommendation			
<u>8.9.81</u>	<u>2</u>			
43	48	49		
Additional Information				
<u>CULTURAL MATERIAL-HISTORIC CERAMICS GLASS</u>				
<u>1</u> <span style="float: right;">40</span>				

OFFICE USE ONLY

OFFICE USE ONLY		Soil Association		Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u>	<u>43</u>	<u>44</u>	<u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>	
State Register		National Register		E C F	T F	MS Number		
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>			

Coder Kenneth & Maria Brown

Date Coded 10/5/81

1. Access On gravel road, 4 miles east of Neche, ½ mile south of International border, then north on dirt, section road to International border, then west ½ mile.
2. Description of Site Site is in a cultivated field called the "strip" by local farmers. The site lies near the south edge of the "strip", 100 meters south of the International border. The site used to be adjacent to a marsh which is now cultivated. Alot of bone fragments of bison/cow size were recovered. Possible kill site around an old marsh or bison wallow.
3. Description of Cultural Materials Alot of bones recovered from the site. Two projectile points, one lanceolate shaped with side notches (Archaic) and a smaller, triangular, corner-notched projectile point was recovered. This may be a kill site around a marsh or bison wallow.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Gordon Douville et. al.
8. Vegetation Crops, wheat
9. Cover (% of visible ground) 100 %
10. Man-hours spent on site 6
11. Project Title Pembilier Dam and Flood Control Project p.i. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K. & M. Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site may be an upland bison kill, which was at one time located around a marsh or bison wallow. The projectile points and bones suggest an archaic and later component.
17. Comments/References This site should be avoided by future construction activities and/or investigated for deeply buried cultural deposits.

Recorded by Kenneth and Marie BrownDate 8/9/81

Field Code USD-1NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographic  
section.

B.W. ☒ Color ☐Photo I.D. Code \_\_\_\_\_  
USD-1 PembinaStorage Location USDALCanada

SKETCH MAP

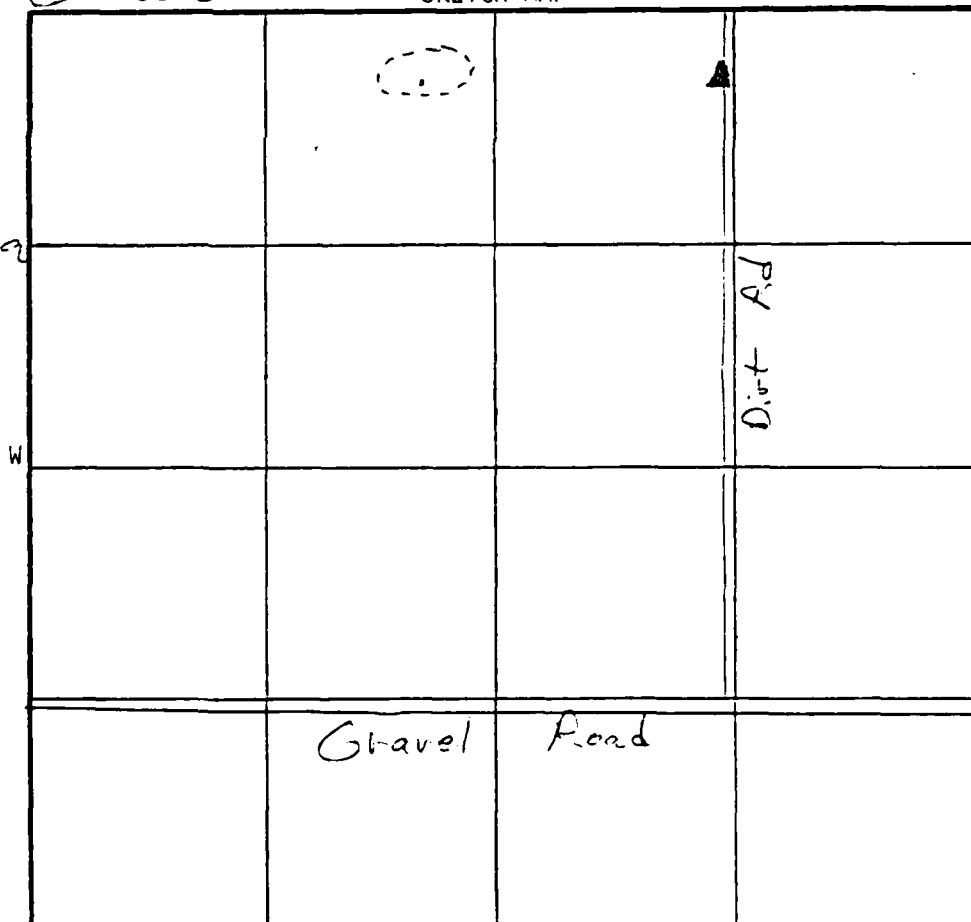
Map Key:

▲ plastic datum

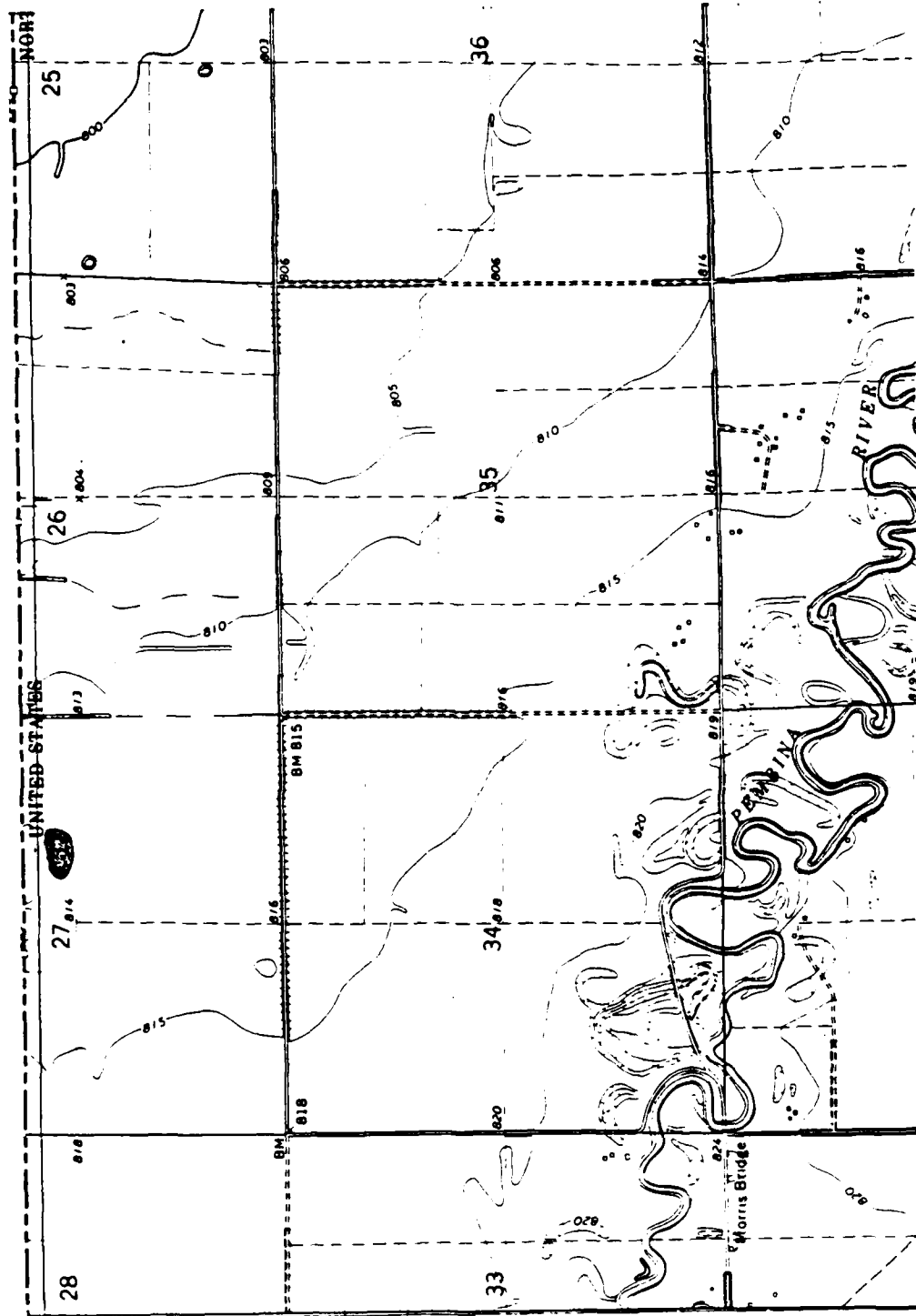
---- site area

Map Scale:

1400 ft

Recorded by Kenneth and Marie BrownDate 8/9/81

USD-1



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>13D-4</u>	SITS #		State <u>32</u>	County <u>FB</u>	Site Number <u>9</u>
Site Name <u>RATHGATE</u>	LTL <u>0</u>	Twp <u>164</u>	R <u>53</u>	Sec <u>25</u>	QQQ <u>3</u>
Map Quad <u>RATHGATE</u>	QQ <u>7</u>	QQ <u>5</u>	QQQ <u>3</u>	QQ <u>7</u>	Q <u>5</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> CM Scatter	3 <input type="checkbox"/> Earthlodge Village	4 <input type="checkbox"/> Earthworks	5 <u>20000</u> 12 m <sup>2</sup>
13 <input type="checkbox"/> Fortification	14 <input type="checkbox"/> Grave	15 <input type="checkbox"/> Hearth	16 <input type="checkbox"/> Jump	Cultural Depth
17 <input type="checkbox"/> Mound	18 <input type="checkbox"/> Other Rock Features	19 <input type="checkbox"/> Pit	20 <input type="checkbox"/> Quarry/Mine	21 <u>21</u>
22 <input type="checkbox"/> Rock Art	23 <input type="checkbox"/> Rock Shelter	24 <input type="checkbox"/> Stone Circle	25 <input type="checkbox"/> Trail (not recent)	26 <u>2</u>
27 <input type="checkbox"/> Miscellaneous	28 <input type="checkbox"/> Bone (worked)	29 <input type="checkbox"/> Ceramics (Native)	30 <input type="checkbox"/> Charcoal	29 <u>2</u>
31 <input type="checkbox"/> Isolated Find	32 <input type="checkbox"/> Copper (Native)	33 <input type="checkbox"/> Faunal Remains (skeletal)	34 <input type="checkbox"/> Fire Cracked Rock	35 <u>2</u>
36 <input type="checkbox"/> CM Density	37 <input type="checkbox"/> Floral Remains	38 <input type="checkbox"/> Fossil	39 <input type="checkbox"/> Hide, Hair, Fur	36 <u>2</u>
39 <input type="checkbox"/> Basis for Dating	40 <input type="checkbox"/> Human Remains	41 <input type="checkbox"/> Projectile Point	42 <input type="checkbox"/> Shell (worked)	37 <u>2</u>
43 <input type="checkbox"/> Paleo	44 <input type="checkbox"/> Stone, chipped	45 <input type="checkbox"/> Stone, ground	46 <input type="checkbox"/> Trade Good (non-Native)	38 <u>2</u>
47 <input type="checkbox"/> Late Prehistoric	48 <input type="checkbox"/> Wood (worked)	49 <input type="checkbox"/> Other	50 <input type="checkbox"/> Period Unknown	39 <u>2</u>

III. ENVIRONMENT

Landform 1 <u>1</u>	Landform 2 <u>1</u>	Slope/Exposure <u>10</u>	View, degree <u>4</u>	View, distance <u>2</u>
Elevation <u>220</u> m.	Drainage System <u>PERCHIE RIVER</u>	Dist Perm Water <u>3395</u> m.	Perm Water Type <u>3</u>	Dist Seas Water <u>28</u>
Seas Water Type <u>33</u>	Ecosystem <u>34</u>	Ownership <u>3</u>	Site Condition <u>3</u>	Collection <u>3</u>

IV. C.R.M.

Fieldwork Date <u>8/20/01</u>	Management Recommendation <u>2</u>	Excavation <u>0</u>
Additional Information <u>CM-HISTORIC PERCHIE</u>		

OFFICE USE ONLY

Soil Association <u>41</u>	Ecozone <u>44</u>	Area Signf <u>45</u>	CR Type <u>46</u>	Verified Site <u>47</u>	Non-Site <u>48</u>
State Register <u>50</u>	National Register <u>51</u>	E C F <u>52</u>	T F <u>53</u>	MS Number <u>54</u>	<u>61</u>

Coder

Date Coded

## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-4

Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is by gravel road, 5½ miles east of Neche, ¼ mile south of the International border. An access road to a cultivated field north of the gravel road is taken, north, to the International border. The site is located east of the fence line and is 100 meters south of the International border.
2. Description of Site The site is in a cultivated field 100 meters south of the International border. The site is small in size, 20,000 sq. meters, and consists of a scatter of bones
3. Description of Cultural Materials A light scatter of bones and a few chipped stone tool fragments were collected. No culturally diagnostic artifacts were recovered. The bones may be of recent origin.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Melvin and Elaine Lembke
8. Vegetation Crops
9. Cover (% of visible ground) 100% (plowed)
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title Author K. & M. Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site, located on the flatlands, warrants additional investigation for deeply buried cultural remains. The artifacts recovered do not indicate cultural affiliation, but do indicate human habitation of the area prehistorically.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/10/81

Field Code USD-4

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

B.W. ☒ Color ☐

Photo I.D. Code  
USD-4 Pembina

Storage Location  
USDAL

Map Key:

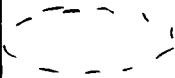
--- site area

Map Scale:

2000 ft

Canada

SKETCH MAP

			
	Gravel Rd.		

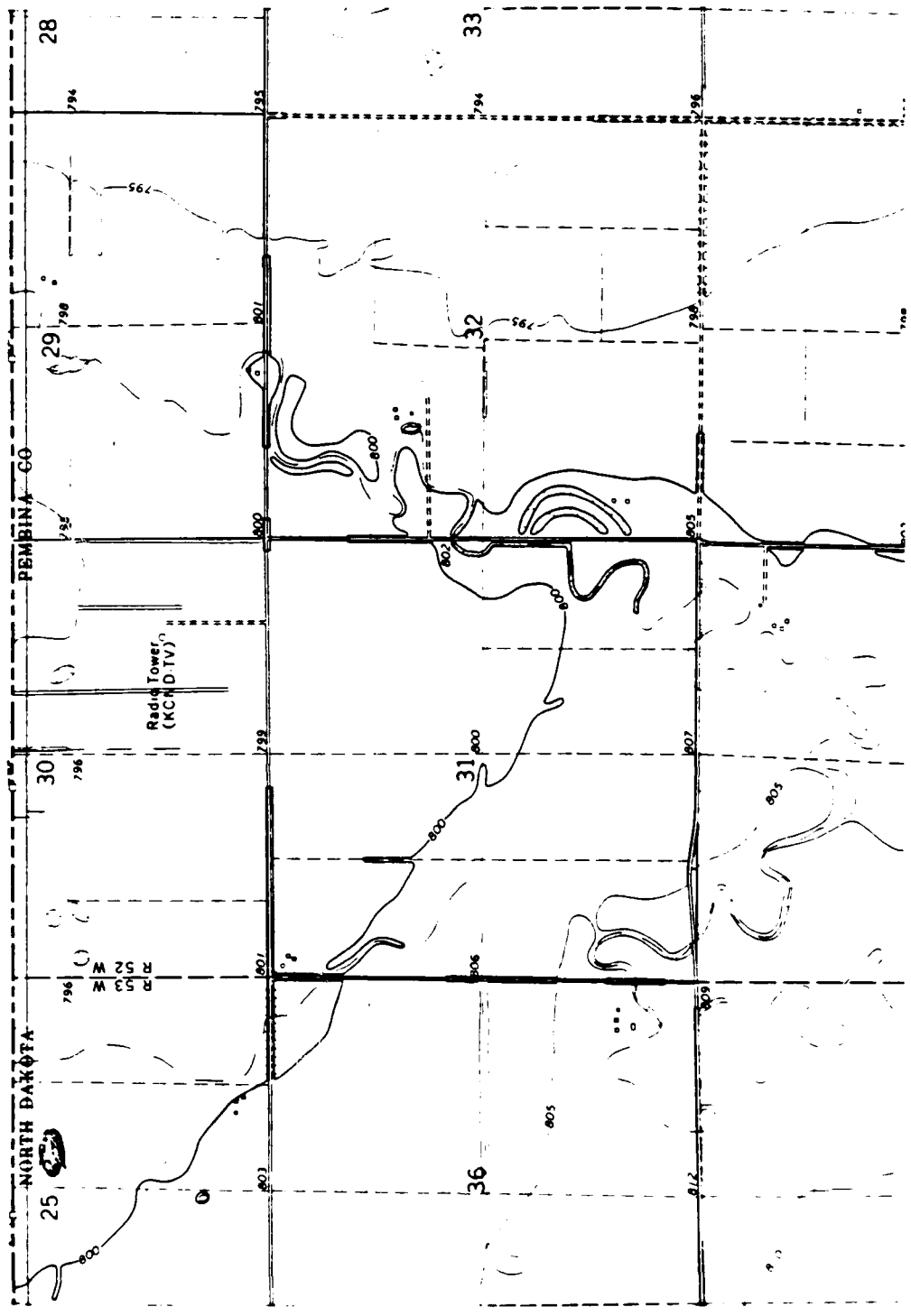
W E

Recorded by Kenneth and Marie Brown

Date 8/10/81



US-4



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code USL-5 State 32 County PD Site Number 10  
 Site Name \_\_\_\_\_ LTL Twp R Sec QQQ QQ Q  
0 164 53 25 6 6 5  
 Map Quad D-116 GATE LTL<sup>a</sup> Twp<sup>a</sup> R<sup>a</sup> Sec<sup>a</sup> QQQ<sup>a</sup> QQ<sup>a</sup> Q<sup>a</sup>  
0 164 52 30 3 2 8

II. SITE DESCRIPTION

1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	Site Area <u>75 000</u> 12 m <sup>2</sup>
3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	Cultural Depth <u>21</u>
15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Depth Indicator <u>0</u>
17 <input type="checkbox"/> Fortification	18 <input checked="" type="checkbox"/> Faunal Remains (skeletal)	
22 <input type="checkbox"/> Grave	23 <input type="checkbox"/> Fire Cracked Rock	
24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/> Floral Remains	
26 <input type="checkbox"/> Jump	27 <input type="checkbox"/> Fossil	
29 <input type="checkbox"/> Mound	30 <input type="checkbox"/> Hide, Hair, Fur	
31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION
33 <input type="checkbox"/> Pit	34 <input type="checkbox"/> Projectile Point	37 <input type="checkbox"/> Paleo
35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/> Shell (worked)	40 <input type="checkbox"/> Archaic
38 <input type="checkbox"/> Rock Art	39 <input type="checkbox"/> Stone, chipped	43 <input type="checkbox"/> Late Prehistoric
41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/> Stone, ground	46 <u>TO</u> 47 Historic
44 <input type="checkbox"/> Stone Circle	45 <input type="checkbox"/> Trade Good (non-Native)	50 <input type="checkbox"/> Period Unknown
48 <input type="checkbox"/> Trail (not recent)	49 <input type="checkbox"/> Wood (worked)	
51 <input type="checkbox"/> Miscellaneous	52 <input checked="" type="checkbox"/> Other	

53 1 Isolated Find CM Density 54 1 Basis for Dating 55 3

III. ENVIRONMENT

Landform 1 1 Landform 2 7 Slope/Exposure 10 View, degree 4 View, distance 2  
 Elevation 200 m. Drainage System DELAWARE RIVER Dist Perm Water 3030 m.  
 Perm Water Type 1 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34

IV. C.R.M.

Ownership 0 Site Condition 0 Collection 3 Test 0 Excavation 0  
 Fieldwork Date 5/10/81 Management Recommendation 1  
 Additional Information CM-PP-1000

OFFICE USE ONLY

Soil Association \_\_\_\_\_ Ecozone \_\_\_\_\_ Area Signf \_\_\_\_\_ CR Type \_\_\_\_\_ Verified Site \_\_\_\_\_ Non-Site \_\_\_\_\_  
 State Register \_\_\_\_\_ National Register \_\_\_\_\_ E C F T F MS Number \_\_\_\_\_  
 \_\_\_\_\_

Coder \_\_\_\_\_ Date Coded \_\_\_\_\_

NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code	SITS #		State	County	Site Number		
<u>1</u>	<u>10</u>	<u>3</u> <u>2</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>18</u>	
Site Name	LTL	Twp	R	Sec	QQQ	QQ	Q
<u>19</u>	<u>39</u>	<u>40</u>	<u>47</u>	<u>48</u>	<u>49</u>	<u>50</u>	
Map Quad	LTL <sub>a</sub>	Twp <sub>a</sub>	R <sub>a</sub>	Sec <sub>a</sub>	QQQ <sub>a</sub>	QQ <sub>a</sub>	Q <sub>a</sub>
<u>51</u>	<u>69</u>	<u>70</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>80</u>	

1. N
2. E
3. S
4. W
5. NE
6. SE
7. SW
8. NW
9. C

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1	Conical Timber Lodge	2	Bone (worked)	<u>5</u> <u>12</u> m <sup>2</sup>
3	CM Scatter	4	Ceramics (Native)	
13	Earthlodge Village	14	Charcoal	
15	Earthworks	16	Copper (Native)	Cultural Depth
17	Fortification	18	Faunal Remains (skeletal)	<u>19</u> <u>21</u>
22	Grave	23	Fire Cracked Rock	
24	Hearth	25	Floral Remains	Depth Indicator
26	Jump	27	Fossil	<u>28</u>
29	Mound	30	Hide, Hair, Fur	
31	Other Rock Features	32	Human Remains	CULTURAL/TEMPORAL
33	Pit	34	Projectile Point	AFFILIATION
35	Quarry/Mine	36	Shell (worked)	<u>37</u> Paleo
38	Rock Art	39	Stone, chipped	<u>40</u> Archaic
41	Rock Shelter	42	Stone, ground	<u>43</u> Late Prehistoric
44	Stone Circle	45	Trade Good (non-Native)	<u>46</u> <u>47</u> Historic
48	Trail (not recent)	49	Wood (worked)	<u>50</u> Period Unknown
51	Miscellaneous	52	Other	
CM Density		Basis for Dating		
<u>53</u> Isolated Find		<u>54</u>		<u>55</u>

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u>	<u>57</u> <u>58</u>	<u>59</u> <u>60</u>	<u>61</u>	<u>62</u>
Elevation	Drainage System			Dist Perm Water
<u>63</u> <u>67</u> m.	<u>1</u>		<u>21</u>	<u>22</u> <u>26</u> m.
Perm Water Type	Dist Seas Water	Seas Water Type		Ecosystem
<u>27</u>	<u>28</u> <u>32</u>	<u>33</u>		<u>34</u> <u>37</u>

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date	Management Recommendation			
<u>43</u> <u>48</u>	<u>49</u>			
Additional Information				
<u>1</u> <u>40</u>				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u> <u>61</u>	

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

FIELD MANUAL  
NDCRS ARCHEOLOGY SITE FORM

CM DENSITY

0. No cultural material observed
1. Sparse distribution
2. Medium distribution
3. Dense distribution
4. Unknown
5. Medium-dense concentration(s) within a sparse scatter
6. Dense concentration(s) within a medium scatter
7. Denser concentration(s) within a dense scatter

LANDFORM 1

0. Unknown
1. Top of
2. Bottom of
3. Side of
4. Unknown
5. Top and Bottom of
6. Top and Side of
7. Bottom and Side of
8. Top, Bottom. & Side

VIEW, DEGREE

0. Unknown
1. 90°
2. 180°
3. 270°
4. 360°
5. No View

SEAS & PERM WATER TYPE

0. Unknown
1. Lake
2. Spring
3. Moving Water (Stream)
4. Intermittent Moving Water
5. Intermittent Pond
6. Marsh

OWNERSHIP

0. Unknown
1. State
2. Federal
3. Private
4. Local Government
5. Reservation

RECOMMENDATIONS

0. Unknown
1. No Further Work
2. Further Evaluation
3. Impact Analysis
4. Both 2 & 3
5. Avoidance-Mitigation
6. Exclusion-Preservation

AREA SIGNF

1. Archeologic
2. Archeo/Architectural
3. Archeo/Historic
4. Paleontologic

LANDFORM 2

0. Unknown
1. Beachline(glacial)
2. Beach or riverbank
3. Canyon
4. Island
5. Delta
6. Draw
7. Flat(Upland)
8. Floodplain
9. Hill
10. Ridge
11. Saddle
12. Sandbar
13. Spur
14. Swale
15. Terrace
- 16.
17. Butte
- 18.
19. Other

CONDITION

0. Unknown
1. Destroyed
2. Inundated
3. Very Poor
4. Poor
5. Fair
6. Good
7. Excellent

CR TYPE

0. Unknown
1. Site
2. Building
3. Structure
4. Object
5. District

DEPTH INDICATOR

0. Not applicable
1. Auger
2. Cutbank or Erosional Feature
3. Excavation
4. Guess
5. Shovel
6. Soil Probe
7. Other

SLOPE/EXPOSURE

0. Unknown
1. North
2. Northeast
3. East
4. Southeast
5. South
6. Southwest
7. West
8. Northwest
9. Closed
10. Open

VIEW, DISTANCE

0. Unknown
1. Excellent(5-7 miles)
2. Good(2-5 miles)
3. Fair(1-2 miles)
4. Poor( <1 mile)
5. No View

ECOSYSTEM

0. Unknown
1. Bottomland
2. Terraces
3. Toe Slope
4. Scoria
5. Badland
6. Upland
7. Rolling Grassland
8. Hardwood Draw
9. Marsh
10. Ponderosa Pine
11. Hilly Scoria
12. Upland Breaks
13. River Breaks
14. Rockland

COLLECTION

0. No Cultural Material
1. C M but no Collection
2. Systematic Collection
3. Non-Systematic
4. Completely Collected
5. Unknown

TEST & EXCAVATION

0. No
1. Yes, Results Positive
2. Yes, Results Negative
3. Unknown

NAT'L & STATE REGISTER

0. Undetermined
1. Listed
2. Nominated
3. Eligible
4. Not Eligible
5. Determined Eligible

CULTURAL/TEMPORAL AFFILIATION

PALEO

0. No
1. Yes - unspecified
2. Pre-Clovis
3. Clovis
4. Folsom
5. Plano
6. Post-Plano

ARCHAIC

0. No
1. Yes - unspecified
2. Early Large Side-Notched
3. McKean/Duncan/Hanna
4. Oxbow
5. Pelican Lake
6. Besant
7. Pre-Ceramic
8. Early Woodland
9. Middle Woodland

LATE PREHISTORIC

0. No
1. Yes - unspecified
2. Avonlea
3. Late Woodland (generalized)
4. Arvilla
5. Blackduck
6. Devilslake/Sourisford Complex
7. Plains Village Tradition
8. Plains Nomadic

HISTORIC

- |                    |                   |
|--------------------|-------------------|
| 0. No              | 8. Cree           |
| 1. Yes-unspecified | 9. Crow           |
| 2. Arapaho         | 10. Euro-American |
| 3. Arikara         | 11. Hidatsa       |
| 4. Assiniboine     | 12. Mandan        |
| 5. Blackfoot       | 13. Pawnee        |
| 6. Cheyenne        | 14. Sioux         |
| 7. Chippewa        | 15. Other         |

BASIS FOR DATING

0. Unknown
1. Date Unknown
2. Radio-carbon
3. Typology
4. Dendrochronology
5. Thermoluminescence
6. Geology (Stratigraphy)
7. Patination
8. Professional Judgement
9. Both Absolute & Relative

E.C.F. AND T.F.

1. Exclusion Area
2. Avoidance Area
3. Area of Concern

Field Code USD-5

NDCRS ARCHEOLOGY SITE FORM

Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is on a gravel road 1/2 mile south of the  
International border, 6 miles east of Neche. The site is in the  
north end of a large cultivated field northwest of a large radio tower.  
The site is situated on the Range 53 and Range 52 line boundary.
2. Description of Site The site is in the north end of a large cultivated  
field. There are no good landmarks. The site is about 100 meters  
south of the International border and covers about 75,000 sq. meters.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Description of Cultural Materials Several large bone fragments, bison/cow  
size were recovered and several pieces of brick and metal. No cultural  
features were discernible.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address August and Mary Weiss
8. Vegetation Crops
9. Cover (% of visible ground) 100% (plowed)
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K & M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. Statement of Significance The thin scatter of bones, which may be of recent  
origin, and several pieces of metal do not indicate the presence of any  
important or large prehistoric or historic site. This site does  
not warrant further work.
17. Comments/References \_\_\_\_\_  
\_\_\_\_\_

Recorded by Kenneth and Marie Brown

Date 8/10/81

Field Code USD-5

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.



B.W. ☒ Color ☐

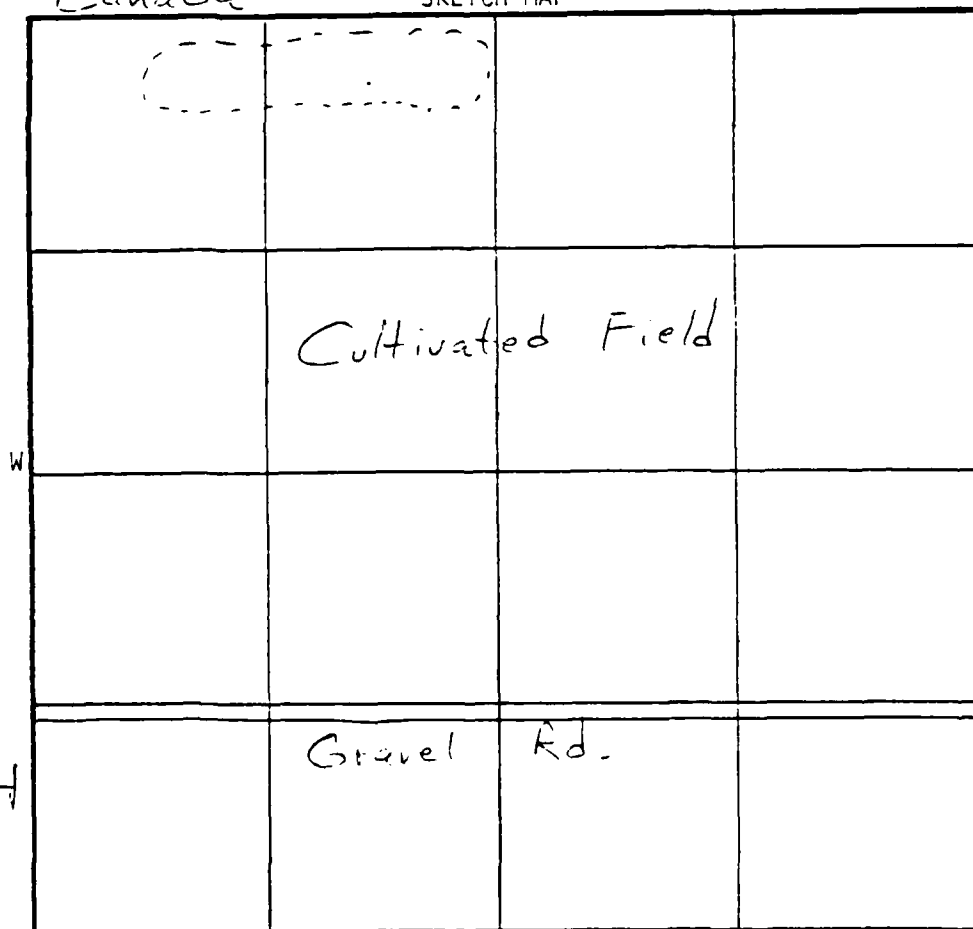
Photo I.D. Code  
USD-5 Pembina

Storage Location \_\_\_\_\_  
USDAL

Canada

SKETCH MAP

Map Key:



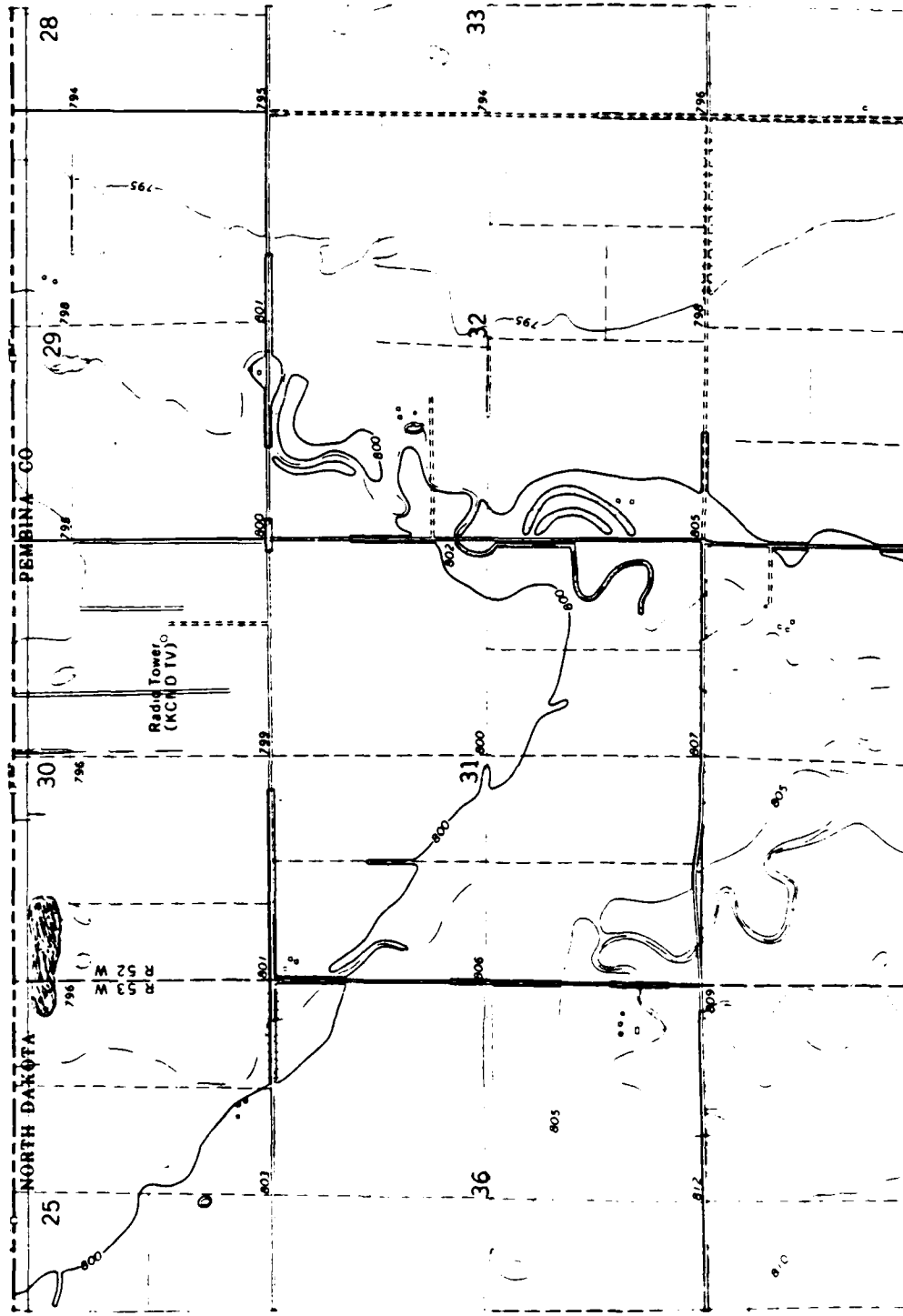
Map Scale:

1000 ft

Recorded by Kenneth and Marie Brown

Date 8/10/81

USD-5



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>100-6</u>	SITS #		State <u>32</u>	County <u>PA</u>	Site Number <u>11</u>
Site Name <u>207-6ATE NE</u>	LTl <u>0</u>	Twp <u>164</u>	R <u>52</u>	Sec <u>28</u>	QQQ <u>3</u>
Map Quad <u>207-6ATE NE</u>	LTl <sub>a</sub> <u>0</u>	Twp <sub>a</sub> <u>164</u>	R <sub>a</sub> <u>52</u>	Sec <sub>a</sub> <u>28</u>	QQQ <sub>a</sub> <u>3</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>2000</u> 12 m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input checked="" type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 <u>21</u>
22 <input type="checkbox"/> Hearth	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Jump	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Mound	27 <input type="checkbox"/> Hide, Hair, Fur	28 <input type="checkbox"/> Other Rock Features	29 <input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION
31 <input type="checkbox"/> Pit	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Quarry/Mine	34 <input type="checkbox"/> Shell (worked)	37 <input type="checkbox"/> Paleo
35 <input type="checkbox"/> Rock Art	36 <input type="checkbox"/> Stone, chipped	38 <input type="checkbox"/> Rock Shelter	39 <input type="checkbox"/> Stone, ground	40 <input type="checkbox"/> Archaic
41 <input type="checkbox"/> Stone Circle	42 <input type="checkbox"/> Trade Good (non-Native)	43 <input type="checkbox"/> Trail (not recent)	44 <input type="checkbox"/> Wood (worked)	43 <input type="checkbox"/> Late Prehistoric
48 <input type="checkbox"/> Miscellaneous	45 <input type="checkbox"/> Other	46 <input type="checkbox"/> Isolated Find	47 <input type="checkbox"/> CM Density	46 <u>1047</u> Historic
				50 <input type="checkbox"/> Period Unknown

III. ENVIRONMENT

Landform 1 <u>56</u>	Landform 2 <u>57</u>	Slope/Exposure <u>58</u>	View, degree <u>59</u>	View, distance <u>60</u>
Elevation <u>61</u>	Drainage System <u>62</u>	Dist Perm Water <u>63</u>	Perm Water Type <u>64</u>	Dist Seas Water <u>65</u>
Seas Water Type <u>66</u>	Seas Water Type <u>67</u>	Ecosystem <u>68</u>	Seas Water Type <u>69</u>	Seas Water Type <u>70</u>

IV. C.R.M.

Ownership <u>38</u>	Site Condition <u>39</u>	Collection <u>40</u>	Test <u>41</u>	Excavation <u>42</u>
Fieldwork Date <u>43</u>	Management Recommendation <u>44</u>	Additional Information <u>45</u>		

OFFICE USE ONLY

Soil Association <u>41</u>	Ecozone <u>42</u>	Area Signf <u>43</u>	CR Type <u>44</u>	Verified Site <u>45</u>	Non-Site <u>46</u>
State Register <u>47</u>	National Register <u>48</u>	E C F <u>49</u>	T F <u>50</u>	MS Number <u>51</u>	

Coder 100-6

Date Coded 10-10-10



## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-6Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is on a gravel road 1/4 mile south of the  
International border and 9 miles east of Neche. The site is north  
of the gravel road. A dirt section road is taken to the International  
border. The site is west of the dirt section road about 1/3 mile.
2. Description of Site The site is in a cultivated field and is about 100 meters  
south of the International border. A very thin scatter of bones and  
historic ceramics and brick were recovered. The field is very flat and  
wet.
3. Description of Cultural Materials Several pieces of bone and historic  
ceramics and brick were recovered. No absolute dates are obtainable.  
The thin scatter of historic materials and absence of discernible features  
does not warrant the site for further investigation.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Earl and Donna Schweitzer
8. Vegetation Crops
9. Cover (% of visible ground) 100% (plowed)
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The thin scatter of historic cultural remains  
does not warrant additional investigations at the site.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/10/81

Field Code USD-6

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographic  
section.

B.W. ☒ Color ☐

Photo I.D. Code USD-6 Pembina

Storage Location USDAL

Map Key:

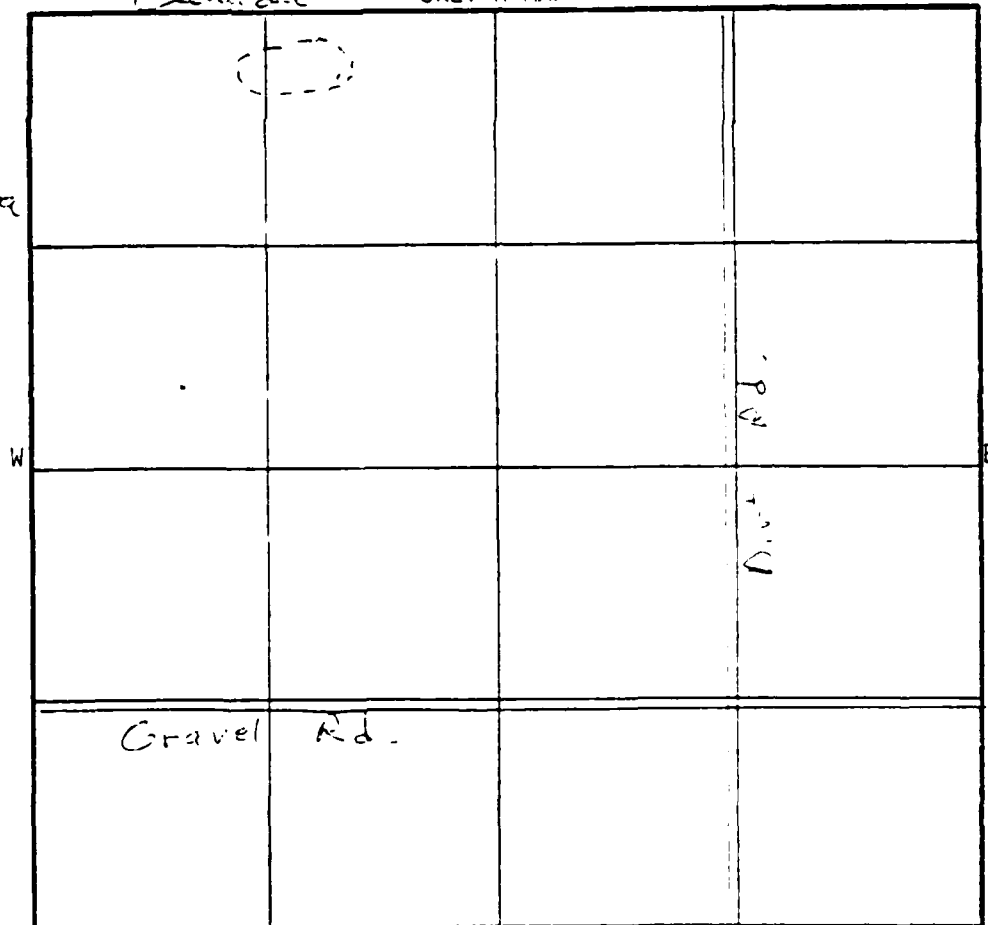
--- site area

Map Scale:

1000 ft

Canada

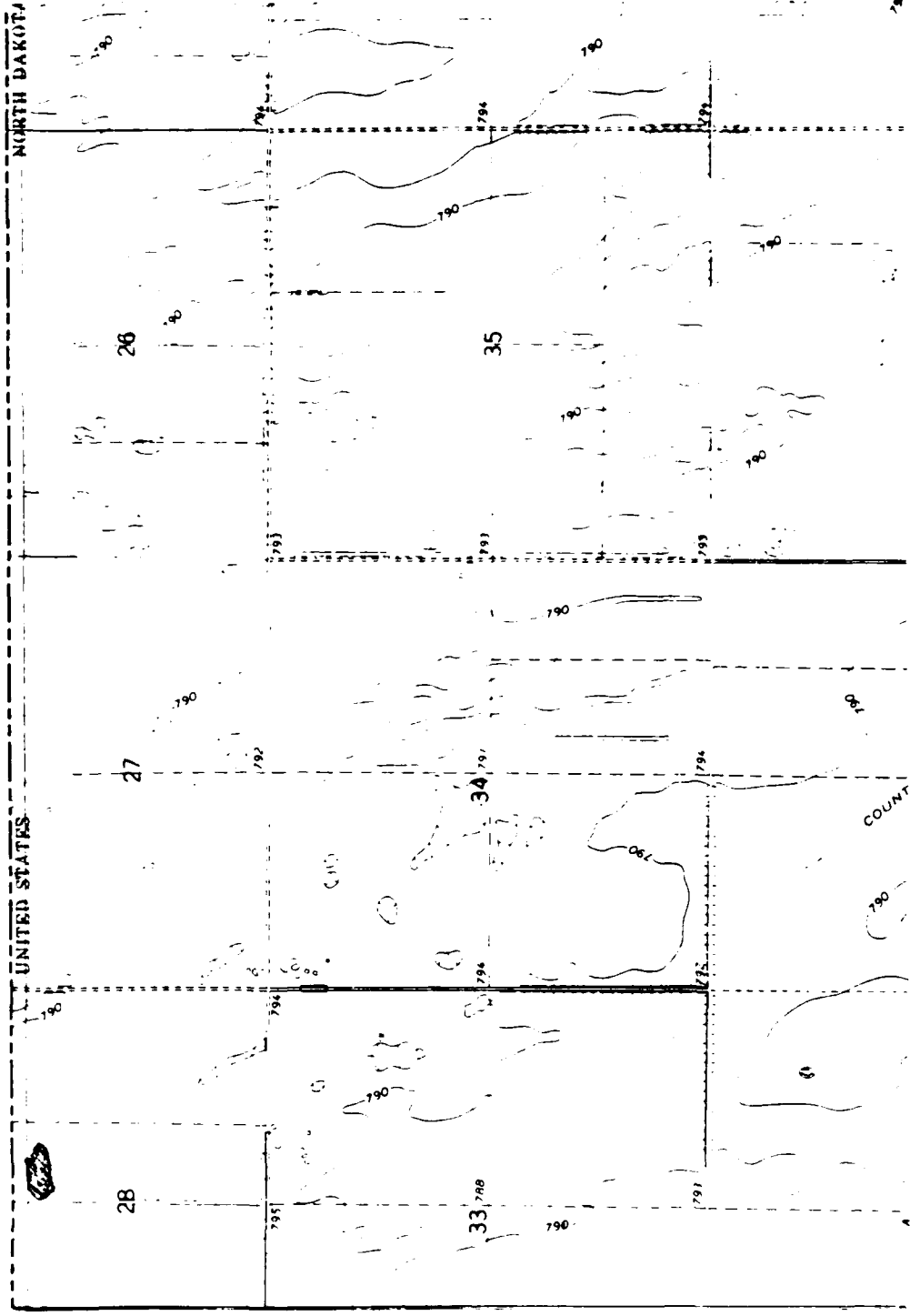
SKETCH MAP



Recorded by Kenneth and Marie Brown

Date 8/10/81

USA-6



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>151-7</u>	SITS # State <u>32</u> County <u>PA</u> Site Number <u>15</u>
Site Name <u>THE WHITES HOTEL</u>	LTL <u>0</u> Twp <u>16</u> R <u>5</u> Sec <u>123</u> QQQ <u>6</u> QQ <u>7</u> Q <u>5</u>
Map Quad <u>151-7</u>	LTL <u>0</u> Twp <u>16</u> R <u>5</u> Sec <u>123</u> QQQ <u>6</u> QQ <u>7</u> Q <u>5</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> CM Scatter	3 <input type="checkbox"/> Earthlodge Village	4 <input type="checkbox"/> Earthworks	5 <u>50000</u> $12 m^2$
13 <input type="checkbox"/> Fortification	14 <input type="checkbox"/> Grave	15 <input type="checkbox"/> Hearth	16 <input type="checkbox"/> Jump	Cultural Depth
17 <input type="checkbox"/> Mound	18 <input type="checkbox"/> Other Rock Features	19 <input type="checkbox"/> Pit	20 <input type="checkbox"/> Quarry/Mine	21 <u>21</u>
22 <input type="checkbox"/> Rock Art	23 <input type="checkbox"/> Rock Shelter	24 <input type="checkbox"/> Stone Circle	25 <input type="checkbox"/> Stone (not recent)	26 <input type="checkbox"/> Trail (not recent)
27 <input type="checkbox"/> Miscellaneous	28 <input type="checkbox"/> Bone (worked)	29 <input type="checkbox"/> Ceramics (Native)	30 <input type="checkbox"/> Charcoal	27 <input type="checkbox"/> Copper (Native)
31 <input type="checkbox"/> Faunal Remains (skeletal)	32 <input type="checkbox"/> Fire Cracked Rock	33 <input type="checkbox"/> Floral Remains	34 <input type="checkbox"/> Fossil	35 <input type="checkbox"/> Hide, Hair, Fur
36 <input type="checkbox"/> Human Remains	37 <input type="checkbox"/> Projectile Point	38 <input type="checkbox"/> Shell (worked)	39 <input type="checkbox"/> Stone, chipped	36 <input type="checkbox"/> Stone, ground
40 <input type="checkbox"/> Trade Good (non-Native)	41 <input type="checkbox"/> Wood (worked)	42 <input type="checkbox"/> Other	43 <input type="checkbox"/> CM Density	44 <input type="checkbox"/> Basis for Dating
45 <input type="checkbox"/> Isolated Find	46 <input type="checkbox"/> Paleo	47 <input type="checkbox"/> Archaic	48 <input type="checkbox"/> Late Prehistoric	49 <input type="checkbox"/> Historic
50 <input type="checkbox"/> Period Unknown	51 <input type="checkbox"/> CM Density	52 <input type="checkbox"/> Basis for Dating	53 <input type="checkbox"/> Paleo	54 <input type="checkbox"/> Archaic
55 <input type="checkbox"/> Late Prehistoric	56 <input type="checkbox"/> Historic	57 <input type="checkbox"/> Period Unknown	58 <input type="checkbox"/> Paleo	59 <input type="checkbox"/> Archaic

III. ENVIRONMENT

Landform 1 <u>2</u>	Landform 2 <u>2</u>	Slope/Exposure <u>10</u>	View, degree <u>2</u>	View, distance <u>2</u>
Elevation <u>220</u> m.	Drainage System <u>2</u>	Dist Perm Water <u>50</u> m.	Perm Water Type <u>2</u>	Dist Seas Water <u>28</u>
Seas Water Type <u>2</u>	Ecosystem <u>2</u>	Seas Water Type <u>2</u>	Ecosystem <u>2</u>	Seas Water Type <u>2</u>

IV. C.R.M.

Ownership <u>2</u>	Site Condition <u>2</u>	Collection <u>2</u>	Test <u>2</u>	Excavation <u>2</u>
Fieldwork Date <u>2</u>	Management Recommendation <u>2</u>	Additional Information <u>2</u>	Additional Information <u>2</u>	Additional Information <u>2</u>

OFFICE USE ONLY

Soil Association <u>2</u>	Ecozone <u>2</u>	Area Signf <u>2</u>	CR Type <u>2</u>	Verified Site <u>2</u>	Non-Site <u>2</u>
State Register <u>2</u>	National Register <u>2</u>	E C F <u>2</u>	T F <u>2</u>	MS Number <u>2</u>	MS Number <u>2</u>

Coder 2 Date Coded 2

Field Code USD-7NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is by Interstate I-29 north of Pembina to the U.S. Port of Entry station. The site is east of the Port of Entry station and the old railroad tracks. The site is between the railroad tracks and the Red River of the North, and is along the International border.
2. Description of Site The site consists of a scatter of historic glass and ceramics, metal, etc. from the International border south for about 1/3 mile, and between the railroad tracks and the Red River of the North. This is the location of a small community and trading post in the early 19th century.
3. Description of Cultural Materials Historic glass, ceramics, metal and bones were recovered from the surface. No datable materials were recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops, wheat
7. Owner's Name/Address Walter Moris
8. Vegetation Crops, wheat
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control p.i. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K. & M. Brown
13. Other Published References \_\_\_\_\_
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This is the location of an early 19th century trading post and town. This area was used by the early land surveyors who marked the International Boundary in the early 19th century.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/10/81

Field Code USD-7

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.



B.W. ☒ Color ☐

Photo I.D. Code USD-7, Pembina

Storage Location CSDAL

SKETCH MAP

*Canada*

Map Key:

--- site area

Port of  
Entry

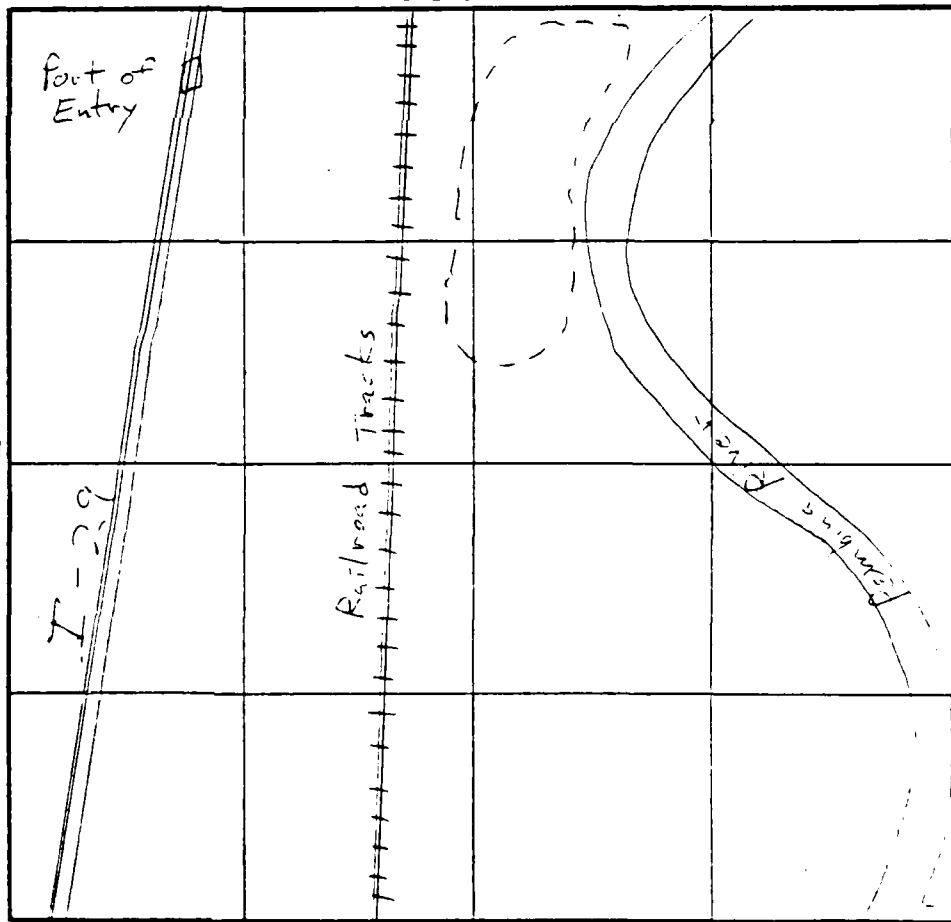
Railroad  
Tracks

T-29

1200 ft  
500 ft

Map Scale:

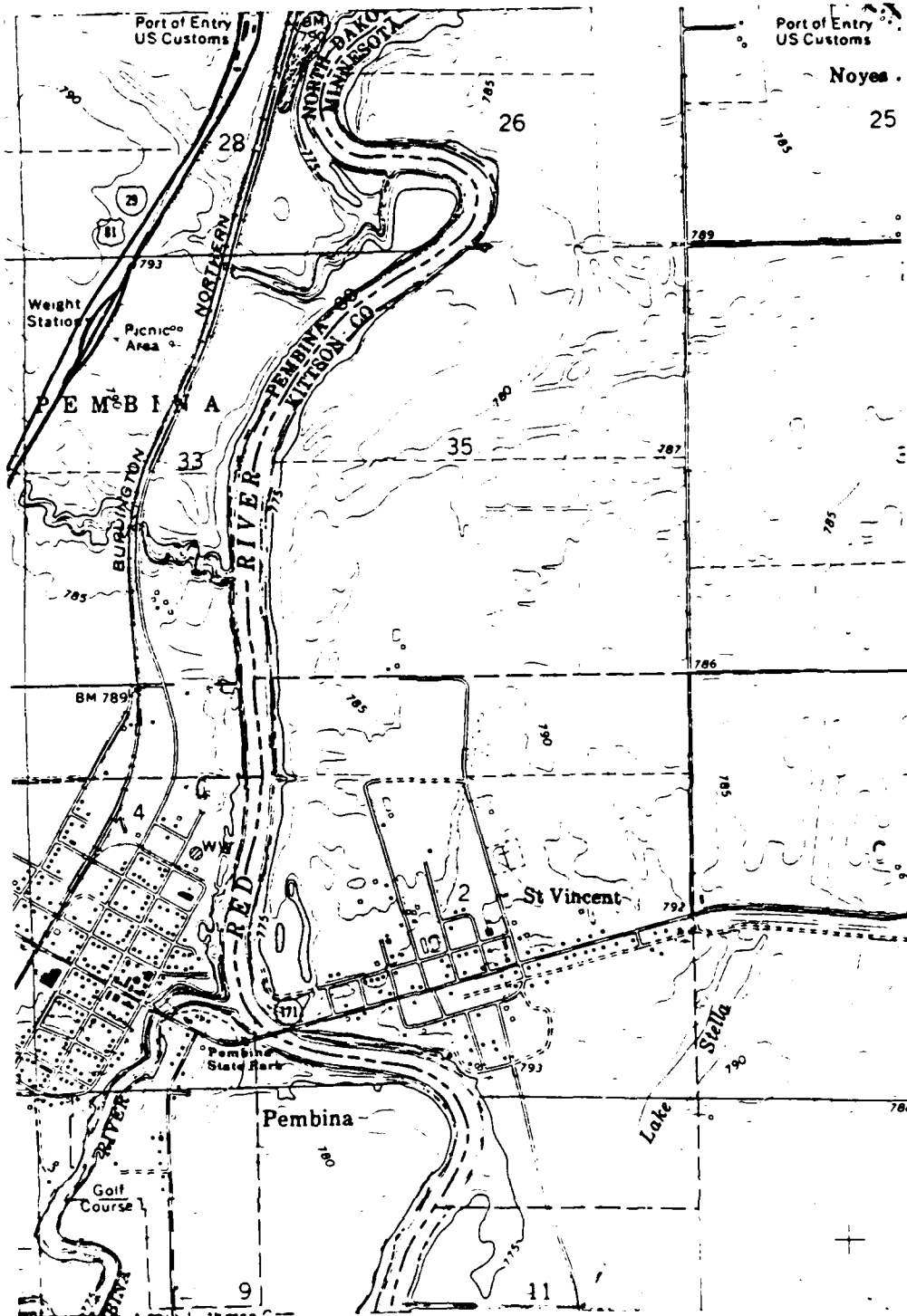
1000 ft



Recorded by Kenneth and Marie Brown

Date 8/10/81

050-7



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code	SITS #		State	County	Site Number
<u>19</u>	<u>3</u>	<u>2</u>	<u>11</u>	<u>13</u>	<u>15</u>
Site Name	LTL	Twp	R	Sec	QQQ QQ Q
<u>19</u>	<u>0</u>	<u>163</u>	<u>5</u>	<u>6</u>	<u>8</u> <u>7</u> <u>6</u>
Map Quad	LTL	Twp	R	Sec	QQQ QQ Q
<u>51</u>	<u>0</u>	<u>163</u>	<u>5</u>	<u>6</u>	<u>8</u> <u>7</u> <u>6</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>50000</u> 12 m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 <u>21</u>
22 <input type="checkbox"/> Hearth	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Jump	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Mound	27 <input type="checkbox"/> Hide, Hair, Fur	28 <input type="checkbox"/> Other Rock Features	29 <input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION
31 <input type="checkbox"/> Pit	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Quarry/Mine	34 <input type="checkbox"/> Shell (worked)	37 <input type="checkbox"/> Paleo
35 <input type="checkbox"/> Rock Art	36 <input type="checkbox"/> Stone, chipped	38 <input type="checkbox"/> Rock Shelter	39 <input type="checkbox"/> Stone, ground	40 <input type="checkbox"/> Archaic
41 <input type="checkbox"/> Stone Circle	42 <input type="checkbox"/> Trade Good (non-Native)	44 <input type="checkbox"/> Trail (not recent)	43 <input type="checkbox"/> Wood (worked)	47 <input type="checkbox"/> Late Prehistoric
48 <input type="checkbox"/> Miscellaneous	49 <input type="checkbox"/> Other	50 <input type="checkbox"/> Isolated Find	51 <input type="checkbox"/> CM Density	52 <input type="checkbox"/> Basis for Dating
53 <input type="checkbox"/> Isolated Find	54 <input type="checkbox"/> CM Density	55 <input type="checkbox"/> Basis for Dating	56 <input type="checkbox"/> Landform 1	57 <input type="checkbox"/> Landform 2

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u>	<u>57</u> <u>58</u>	<u>12</u>	<u>1</u>	<u>2</u>
Elevation	Drainage System	Dist Perm Water	Perm Water Type	Dist Seas Water
<u>255</u> m.	<u>1</u>	<u>650</u> m.	<u>1</u>	<u>21</u>
Perm Water Type	Seas Water Type	Ecosystem	Fieldwork Date	Management Recommendation
<u>27</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>43</u>	<u>49</u>

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date	Management Recommendation	Additional Information	Soil Association	Ecozone
<u>43</u>	<u>49</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder

Date Coded



1. Access Access to the site is 2 miles north of Walhalla, then 11 miles east on Pembina 55, across the Pembina River, to a fence line and entrance to a cultivated field. The site is north of Pembina 55 highway, between the highway and the Pembina River.
2. Description of Site The site is in a cultivated field adjacent to and north of Pembina 55 highway to the Pembina River. The site measures about 50,000 sq. meters, paralleling the highway, east and west.
3. Description of Cultural Materials A scatter of bone and chipped stone artifacts were recovered from the surface of the ground. No culturally diagnostics were recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Alton Horsley
8. Vegetation Crops
9. Cover (% of visible ground) 100% (plowed)
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site, along the banks of the Pembina River on the flatlands, has possible buried, undisturbed cultural materials. The scatter of chipped stone tools, flakes and bones indicates the procurement and/or processing of animal foods. It is believed this site warrants further work.
17. Comments/References \_\_\_\_\_

Field Code USD-8

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.



B.W. ☒ Color ☐


Photo I.D. Code  
USD-8 Pembina


Storage Location  
USDAL

SKETCH MAP

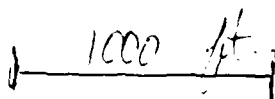
Map Key:

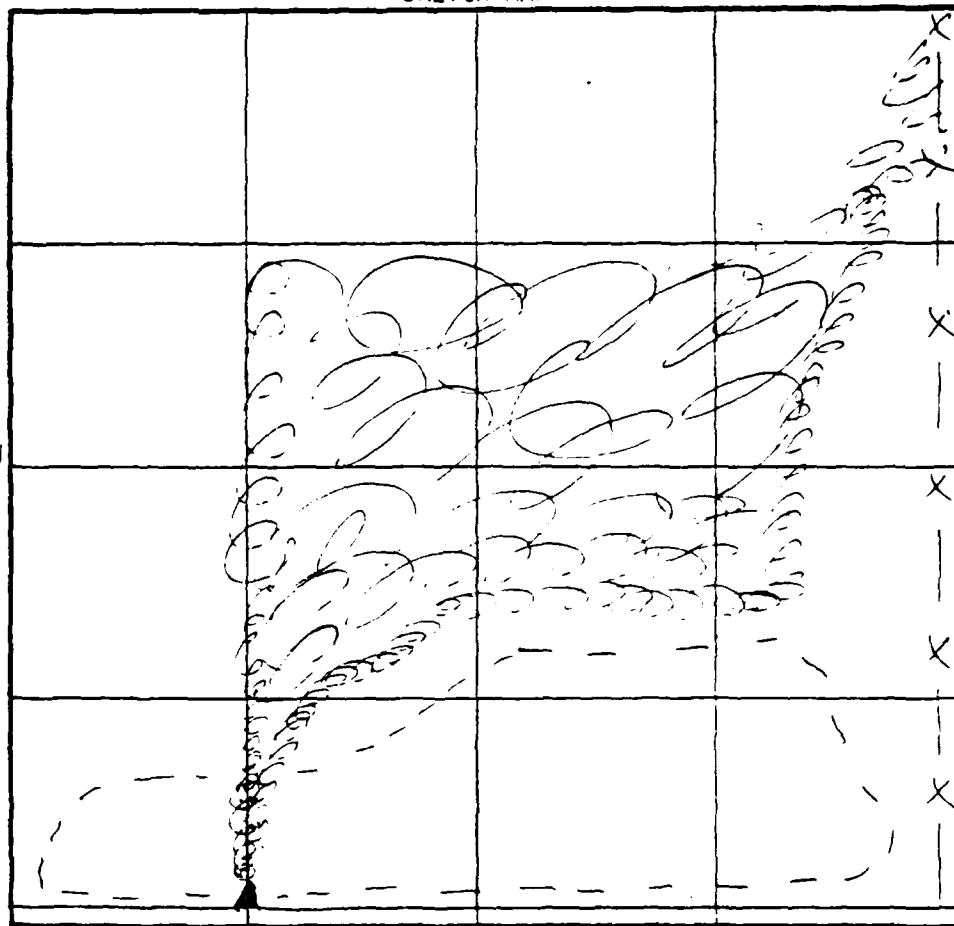
— x — x — fence

 timber

 plastic datum

Map Scale:

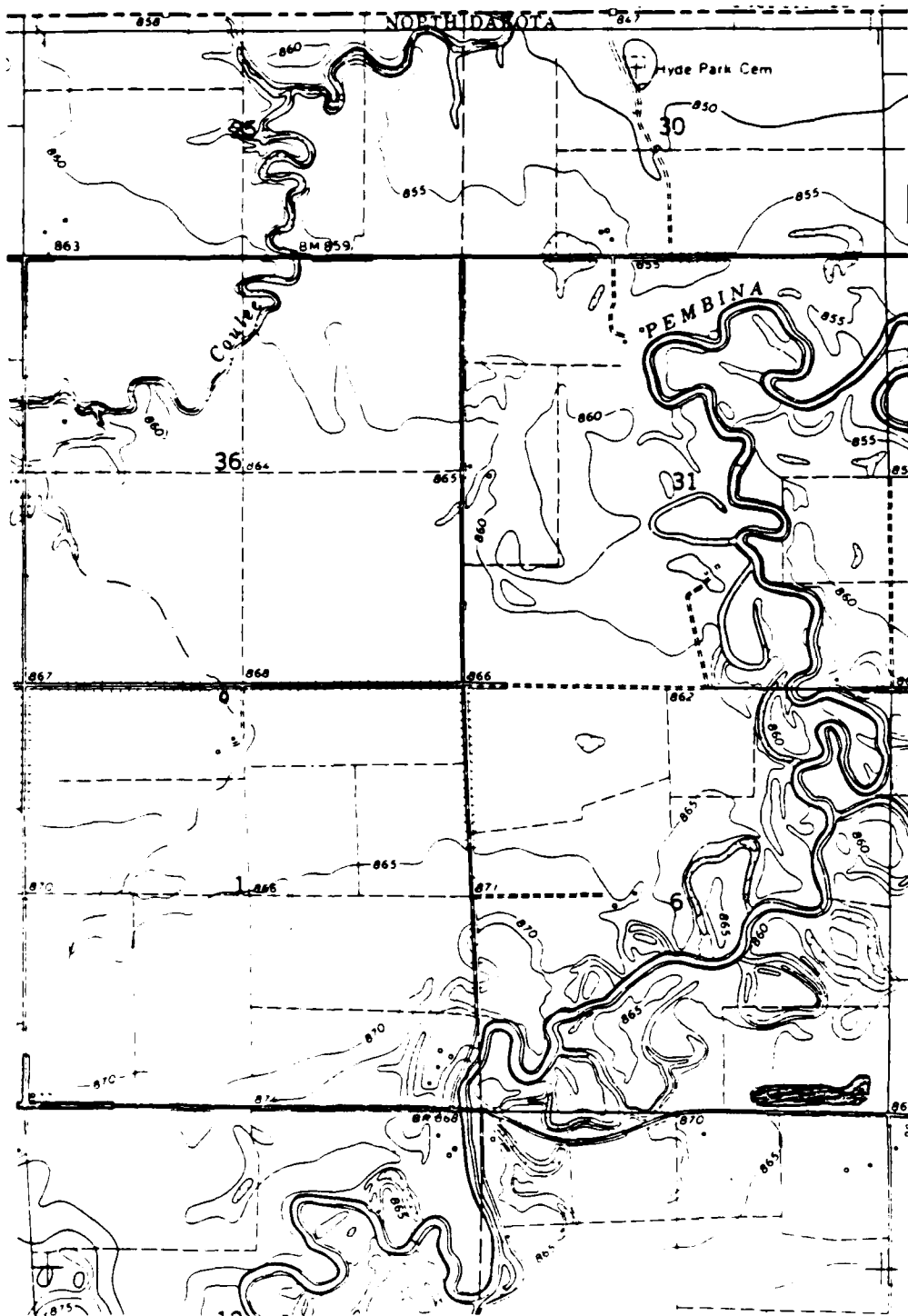
 1000 ft.



Recorded by Kenneth and Marie Brown

Date 8/11/81

USD-8



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 100-16 State 32 County PB Site Number 14  
 11 13 15 18  
 Site Name \_\_\_\_\_ LTL Twp R Sec QQQ QQ Q  
 19 38 39 40 47 48 49 50  
 Map Quad 1111 LTL Twp R Sec QQQa QQa Qa  
 51 68 69 70 77 78 79 80

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1	<input type="checkbox"/> Conical Timber Lodge	2	<input type="checkbox"/> Bone (worked)	5 <u>30,000</u> 12 m <sup>2</sup>
3	<input type="checkbox"/> CM Scatter	4	<input type="checkbox"/> Ceramics (Native)	
13	<input type="checkbox"/> Earthlodge Village	14	<input type="checkbox"/> Charcoal	
15	<input type="checkbox"/> Earthworks	16	<input type="checkbox"/> Copper (Native)	Cultural Depth
17	<input type="checkbox"/> Fortification	18	<input type="checkbox"/> Faunal Remains (skeletal)	19 <u>21</u>
22	<input type="checkbox"/> Grave	23	<input type="checkbox"/> Fire Cracked Rock	
24	<input type="checkbox"/> Hearth	25	<input type="checkbox"/> Floral Remains	Depth Indicator
26	<input type="checkbox"/> Jump	27	<input type="checkbox"/> Fossil	28 <u>2</u>
29	<input type="checkbox"/> Mound	30	<input type="checkbox"/> Hide, Hair, Fur	
31	<input type="checkbox"/> Other Rock Features	32	<input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL
33	<input type="checkbox"/> Pit	34	<input type="checkbox"/> Projectile Point	AFFILIATION
35	<input type="checkbox"/> Quarry/Mine	36	<input type="checkbox"/> Shell (worked)	37 <u>1</u> Paleo
38	<input type="checkbox"/> Rock Art	39	<input type="checkbox"/> Stone, chipped	40 <u>1</u> Archaic
41	<input type="checkbox"/> Rock Shelter	42	<input type="checkbox"/> Stone, ground	43 <u>1</u> Late Prehistoric
44	<input type="checkbox"/> Stone Circle	45	<input type="checkbox"/> Trade Good (non-Native)	46 <u>1</u> 47 Historic
48	<input type="checkbox"/> Trail (not recent)	49	<input type="checkbox"/> Wood (worked)	50 <u>1</u> Period Unknown
51	<input type="checkbox"/> Miscellaneous	52	<input type="checkbox"/> Other	
53 <u>1</u> Isolated Find		CM Density	Basis for Dating	
		54 <u>1</u>	55 <u>3</u>	

III. ENVIRONMENT

Landform 1 1 Landform 2 2 Slope/Exposure 1 View, degree 1 View, distance 3  
 56 57 58 59 60 61 62  
 Elevation 1 m. Drainage System 1 Dist Perm Water 25 m.  
 63 67 1 21 22 26  
 Perm Water Type 1 Dist Seas Water 1 Seas Water Type 1 Ecosystem 1  
 27 28 32 33 34 37

IV. C.R.M.

Ownership 1 Site Condition 1 Collection 1 Test 1 Excavation 1  
 38 39 40 41 42  
 Fieldwork Date 1 Management Recommendation 1  
 43 48 49  
 Additional Information 1  
 1 40

OFFICE USE ONLY

Soil Association 1 Ecozone 1 Area Signf 1 CR Type 1 Verified Site 1 Non-Site 1  
 41 43 44 45 46 47 48 49  
 State Register 1 National Register 1 E C F T F MS Number 1  
 50 51 52 53 54 61

Coder 1 Date Coded 1

Field Code USD-16NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla to Pembina 55 highway,  
then 10 miles east on Pembina 55 highway. Take the gravel road north,  
just before the Pembina River bridge. Follow gravel road north for 1 mile,  
turn east on dirt section road, follow it to its end. This is the site area.
2. Description of Site The site is in a cultivated field located between two  
old channel scars of the Pembina River. The site is bounded on the north and  
the south by the Pembina River. No cultural features were observed.
3. Description of Cultural Materials A large quantity of bone, cow/bison size,  
historic ceramics, glass, metal, etc. were recovered. This is the location  
of an old farmstead.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Dorothy Karel
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This old farmstead location, with its late 19th  
century bottle fragments, should be further investigated prior to  
any possible destruction by construction activities.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-16

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



B.W. ☒ Color ☐


Photo I.D. Code \_\_\_\_\_

USD-16 Pembina

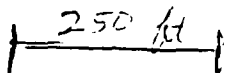
Storage Location \_\_\_\_\_  
USDAL

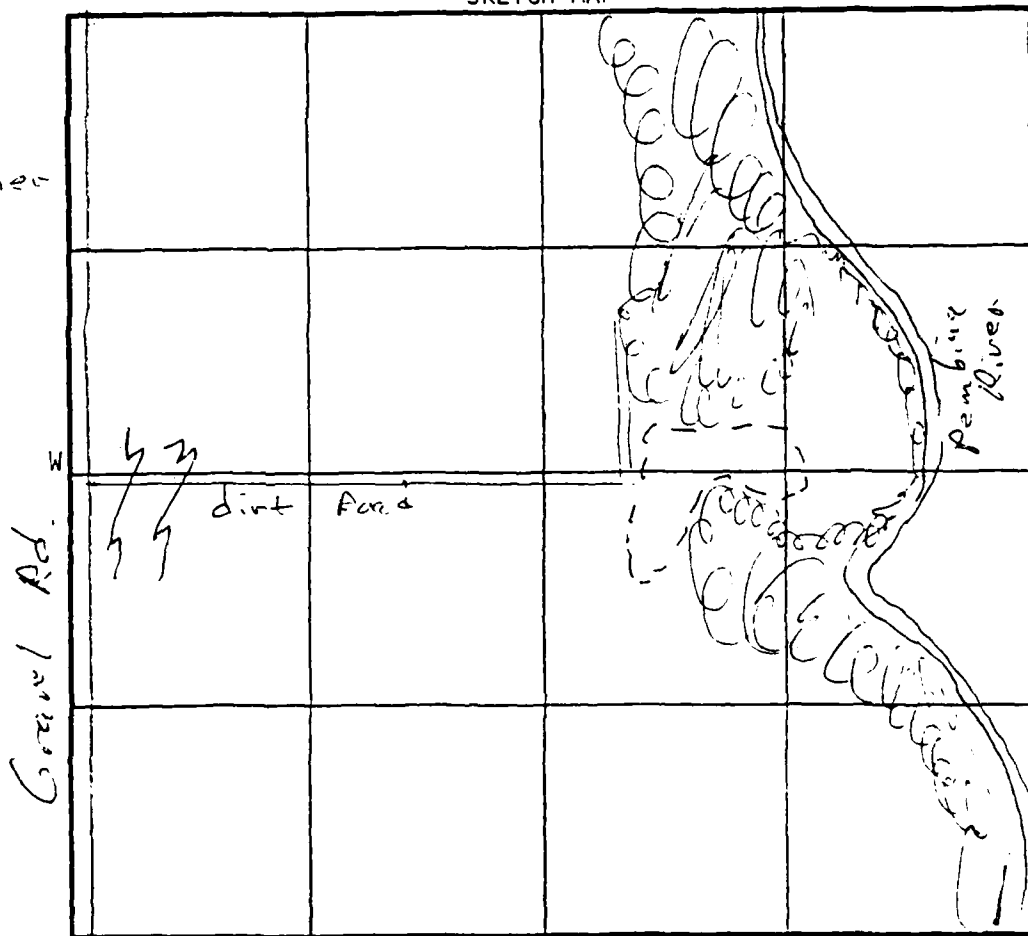
SKETCH MAP

Map Key:

 timber  
  
--- site area

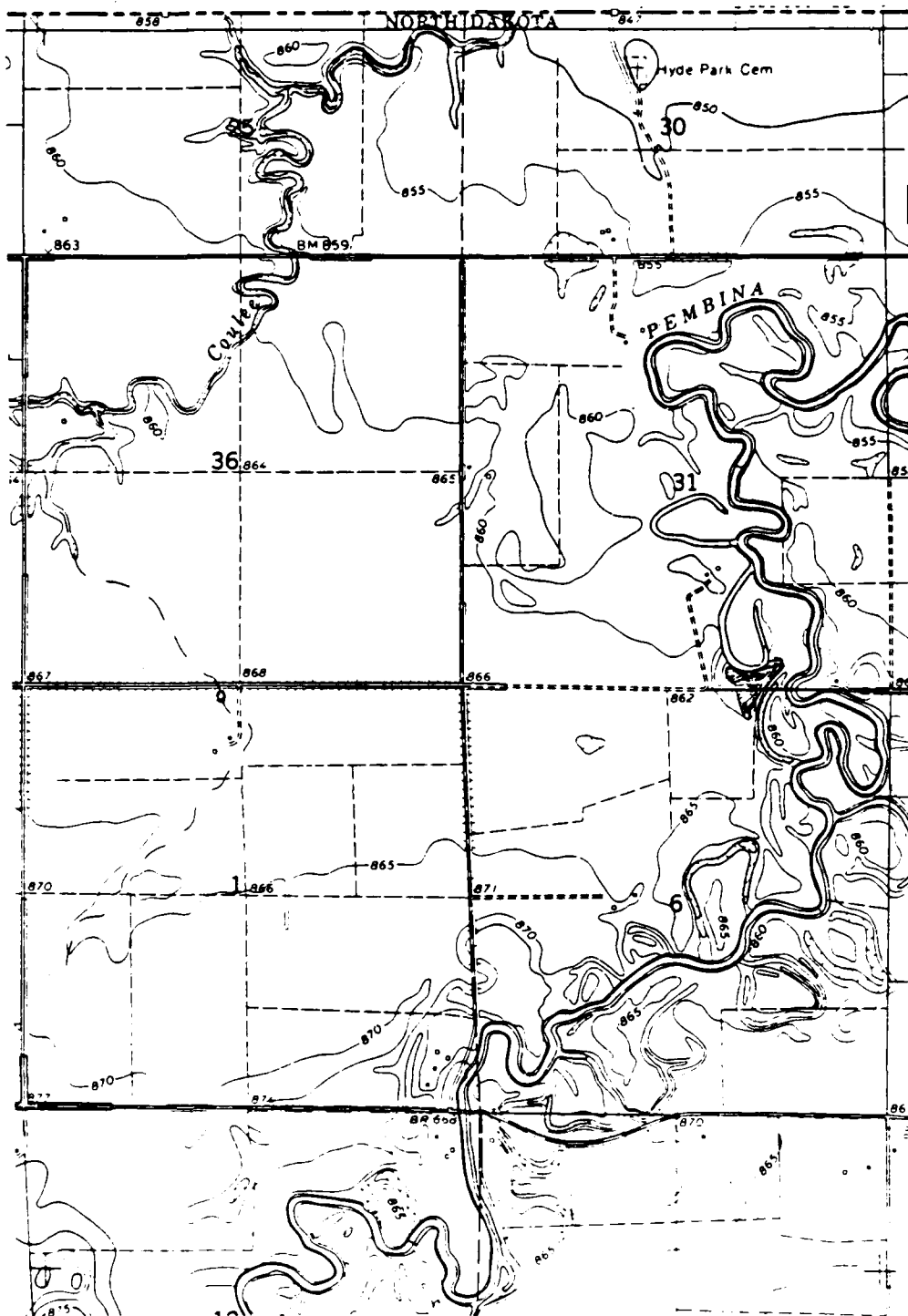
Map Scale:

 250 ft



Recorded by Kenneth and Marie Brown

Date 8/12/81



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>19A-19</u>		SITS #		State	County	Site Number
<u>19</u>		<u>11</u>		<u>32</u>	<u>PH</u>	<u>15</u>
Site Name		LTL	Twp	R	Sec	QQQ
<u>19</u>		<u>0</u>	<u>163</u>	<u>5</u>	<u>10</u>	<u>8</u>
Map Quad		LTL	Twp	R	Sec	QQQ
<u>LEX</u>		<u>0</u>	<u>163</u>	<u>5</u>	<u>10</u>	<u>8</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1	Conical Timber Lodge	2	Bone (worked)	<u>5</u> <u>12500</u> <u>12</u> m <sup>2</sup>
3	CM Scatter	4	Ceramics (Native)	Cultural Depth
13	Earthlodge Village	14	Charcoal	<u>19</u> <u>21</u>
15	Earthworks	16	Copper (Native)	Depth Indicator
17	Fortification	18	Faunal Remains (skeletal)	<u>28</u> <u>2</u>
22	Grave	23	Fire Cracked Rock	CULTURAL/TEMPORAL AFFILIATION
24	Hearth	25	Floral Remains	37 <u>Paleo</u>
26	Jump	27	Fossil	40 <u>Archaic</u>
29	Mound	30	Hide, Hair, Fur	43 <u>Late Prehistoric</u>
31	Other Rock Features	32	Human Remains	46 <u>47</u> <u>Historic</u>
33	Pit	34	Projectile Point	50 <u>Period Unknown</u>
35	Quarry/Mine	36	Shell (worked)	
38	Rock Art	39	Stone, chipped	
41	Rock Shelter	42	Stone, ground	
44	Stone Circle	45	Trade Good (non-Native)	
48	Trail (not recent)	49	Wood (worked)	
51	Miscellaneous	52	Other	
53 <u>Isolated Find</u>		54 <u>CM Density</u>	55 <u>Basis for Dating</u>	

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>6</u>	<u>7</u>	<u>59</u> <u>60</u>	<u>2</u>	<u>3</u>
Elevation	Drainage System	Dist Perm Water		
<u>282</u> m.	<u>PERKINS RIVER</u>	<u>002</u> m.		
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>3</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>3</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>
Fieldwork Date	Management Recommendation			
<u>8/28/81</u>	<u>1</u>			
Additional Information				
<u>CH-HISTORIC CERAMICS, GLASS, ETC.</u>				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>61</u>

Coder 19A-19

Date Coded 8/28/81



1. Access Access to the site is 1/2 miles north of Walhalla (1 mile north of airport), to a gravel road, turn east, go east for 1 3/4 mile. The site is north of the road and contains a number of old farm buildings.
2. Description of Site The site is an old farmstead with standing outbuildings. The site covers approximately 12,500 sq. meters, with several barns standing. This is a historic site only.
3. Description of Cultural Materials Quantities of historic ceramics, glass and brick were recovered from a cultivated field due east of the farm buildings.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Fallow ground, cultivated around it
7. Owner's Name/Address Thomas Schurman, Emma Metelmann
8. Vegetation Crops, weeds
9. Cover (% of visible ground) field east of buildings, 100%, plowed
10. Man-hours spent on site 1
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This historic site was recently abandoned, the house having possibly burned down. The standing structures are not of architectural or historical significance and therefore the site does not warrant further investigation.
17. Comments/References \_\_\_\_\_

Field Code USD-19NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

## TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

B.W. ☐ Color ☒

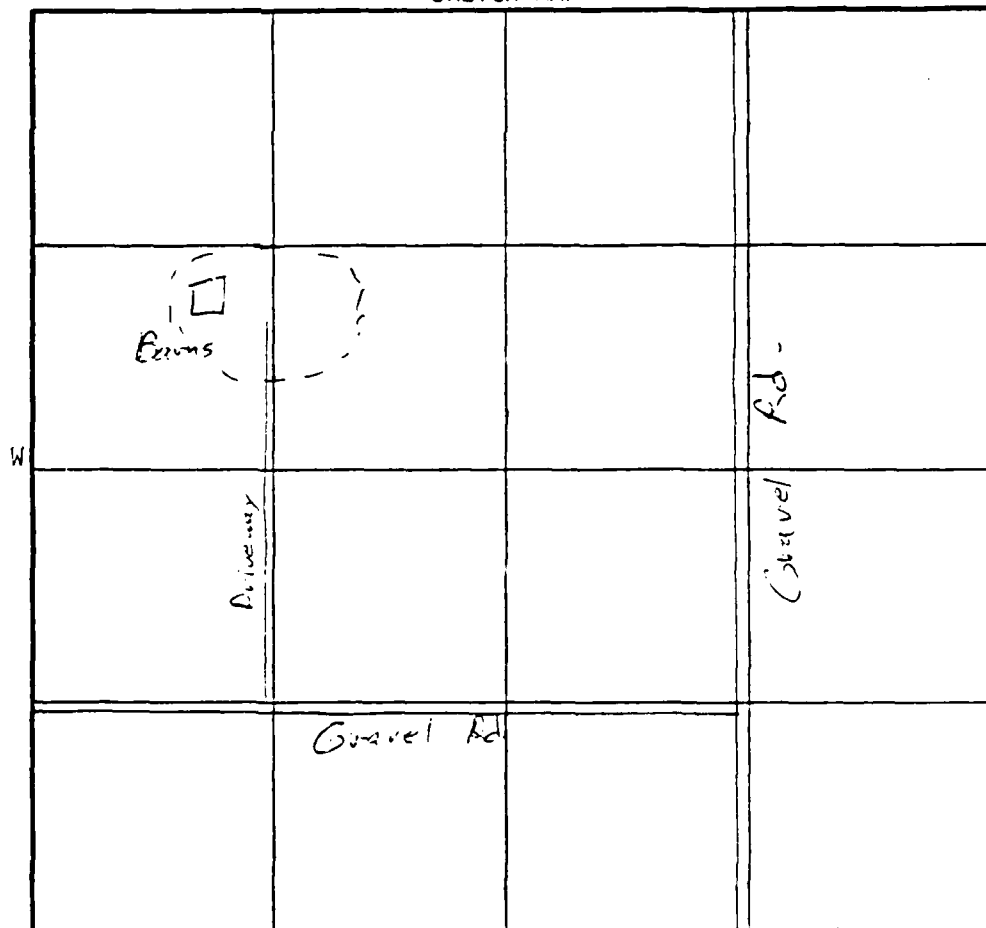
Photo I.D. Code \_\_\_\_\_

USD-19 PembinaStorage Location USDAI

## SKETCH MAP

Map Key:

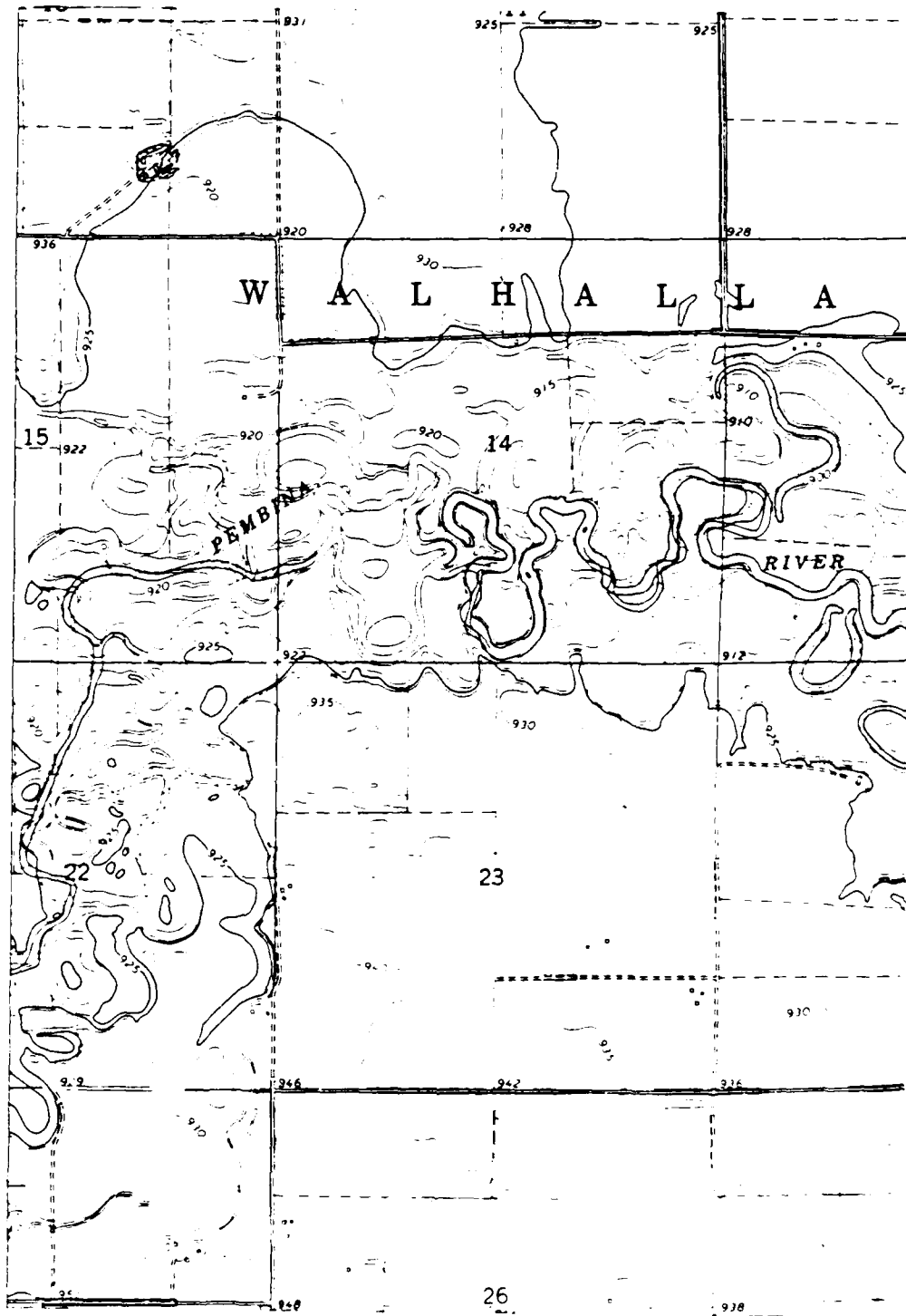
--- site area



Map Scale:

1 250 ftRecorded by Kenneth and Marie BrownDate 8/12/81

USD-19



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 100-22 State 32 County PF Site Number 16  
 1 10 11 13 15 18  
 Site Name \_\_\_\_\_ LTL Twp R Sec QQQ QQ Q  
 19 38 39 40 47 48 49 50  
 Map Quad 11500 LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
 51 68 69 70 77 78 79 80

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1	<input type="checkbox"/> Conical Timber Lodge	2	<input type="checkbox"/> Bone (worked)	5 <u>5625</u> 12 m <sup>2</sup>
3	<input type="checkbox"/> CM Scatter	4	<input type="checkbox"/> Ceramics (Native)	
13	<input type="checkbox"/> Earthlodge Village	14	<input type="checkbox"/> Charcoal	Cultural Depth
15	<input type="checkbox"/> Earthworks	16	<input type="checkbox"/> Copper (Native)	19 <u>21</u>
17	<input type="checkbox"/> Fortification	18	<input checked="" type="checkbox"/> Faunal Remains (skeletal)	Depth Indicator
22	<input type="checkbox"/> Grave	23	<input type="checkbox"/> Fire Cracked Rock	28 <u>0</u>
24	<input type="checkbox"/> Hearth	25	<input type="checkbox"/> Floral Remains	
26	<input type="checkbox"/> Jump	27	<input type="checkbox"/> Fossil	
29	<input type="checkbox"/> Mound	30	<input type="checkbox"/> Hide, Hair, Fur	CULTURAL/TEMPORAL
31	<input type="checkbox"/> Other Rock Features	32	<input type="checkbox"/> Human Remains	AFFILIATION
33	<input type="checkbox"/> Pit	34	<input type="checkbox"/> Projectile Point	37 <input type="checkbox"/> Paleo
35	<input type="checkbox"/> Quarry/Mine	36	<input type="checkbox"/> Shell (worked)	40 <input type="checkbox"/> Archaic
38	<input type="checkbox"/> Rock Art	39	<input type="checkbox"/> Stone, chipped	43 <input type="checkbox"/> Late Prehistoric
41	<input type="checkbox"/> Rock Shelter	42	<input type="checkbox"/> Stone, ground	46 <u>IC</u> 47 Historic
44	<input type="checkbox"/> Stone Circle	45	<input type="checkbox"/> Trade Good (non-Native)	50 <input type="checkbox"/> Period Unknown
48	<input type="checkbox"/> Trail (not recent)	49	<input type="checkbox"/> Wood (worked)	
51	<input type="checkbox"/> Miscellaneous	52	<input checked="" type="checkbox"/> Other	
53 <input type="checkbox"/> Isolated Find		CM Density	Basis for Dating	
		54 <u>1</u>	55 <u>3</u>	

III. ENVIRONMENT

Landform 1 1 Landform 2 2 Slope/Exposure 10 View, degree 61 View, distance 62  
 56 57 58 59 60 61 62  
 Elevation 1000 m. Drainage System RIVER Dist Perm Water 5 m.  
 63 67 1 21 22 26  
 Perm Water Type 1 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34  
 27 28 32 33 34 37

IV. C.R.M.

Ownership 1 Site Condition 0 Collection 3 Test 0 Excavation 0  
 38 39 40 41 42  
 Fieldwork Date 1000 Management Recommendation 1  
 43 48 49  
 Additional Information 1000-22-16-1  
 1 40

OFFICE USE ONLY

OFFICE USE ONLY  
 Soil Association Ecozone Area Signf CR Type Verified Site Non-Site  
 41 43 44 45 46 47 48 49  
 State Register National Register E C F T F MS Number  
 50 51 52 53 54 61

Coder

Date Coded

Field Code USD-22NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla to Pembina 55  
highway, turn east, go east for 3 miles, turn south onto gravel section  
road, go south 1½ miles to end of section road, and continue south  
across cultivated field until you reach the Pembina River. This is it.
2. Description of Site The site is located in a cultivated field. The site  
consists of a scatter of historic ceramics, brick, glass and a bullet.  
No cultural features were observed. The site is adjacent to the Pembina River.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Description of Cultural Materials A large quantity of historic ceramics,  
brick, glass and a bullet were recovered from the surface of the ground.  
No definite dates are provided by the artifacts. It appears to be late  
19th to early 20th Century.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Theodore Bjornstad
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. Statement of Significance This site is considered a find spot. It is  
possibly the location of an old farmstead, but more likely a trash dumping  
area. The site does not warrant further investigation.  
\_\_\_\_\_  
\_\_\_\_\_
17. Comments/References \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-22

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



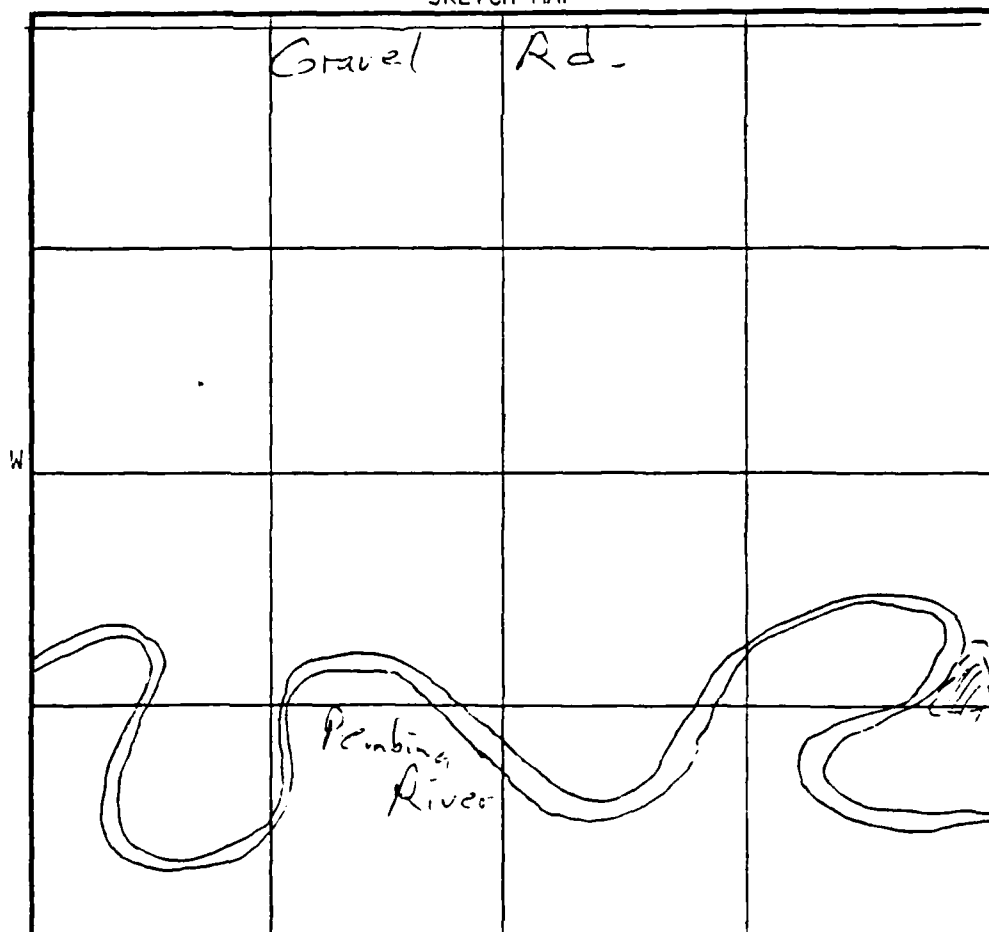
B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-22 Pembina

Storage Location USDAL

SKETCH MAP

Map Key:



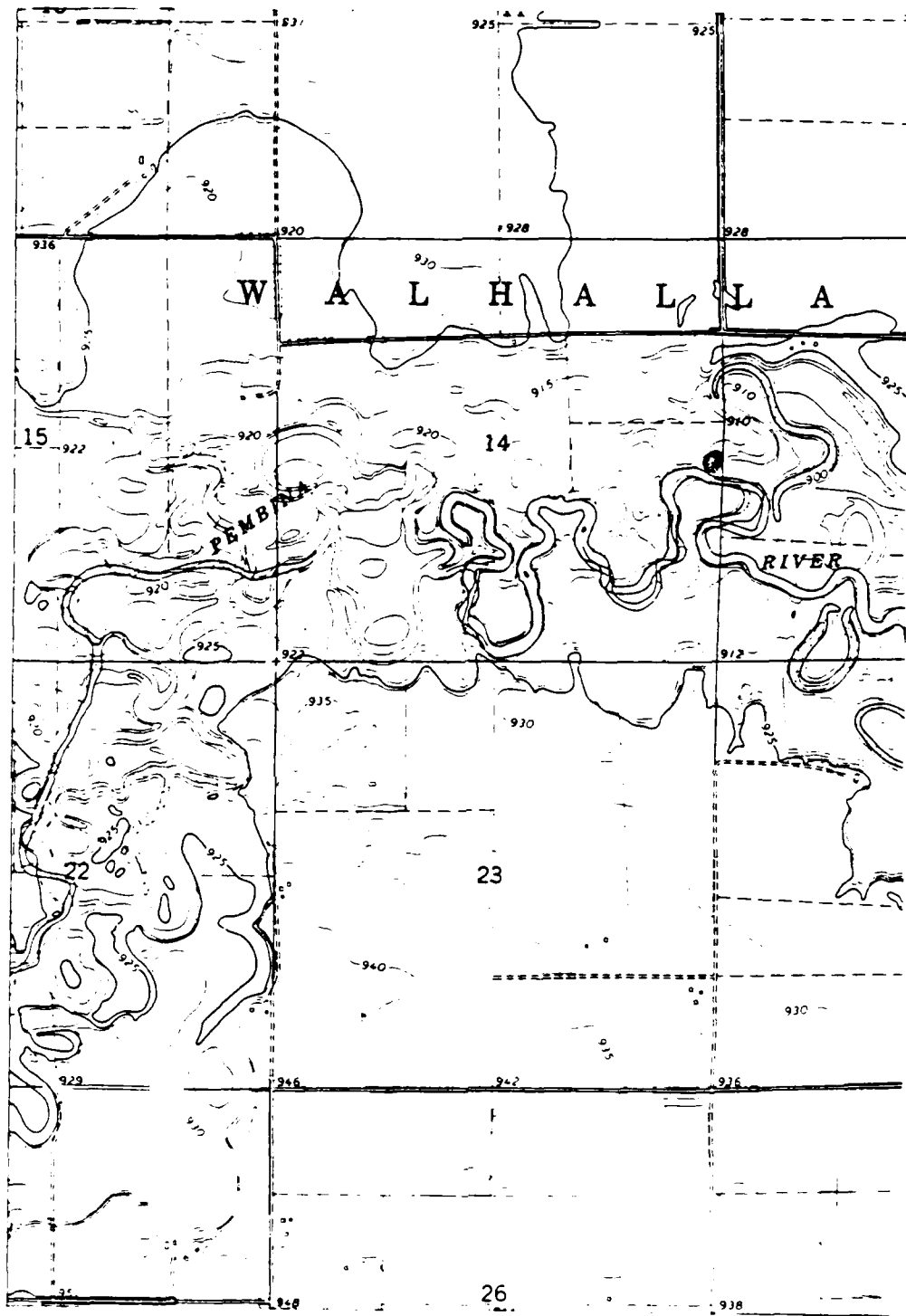
Map Scale:

700 ft

Recorded by Kenneth and Marie Brown

Date 8/12/81

USA-22



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>100-23</u>		SITS #		State	County	Site Number
<u>100-23</u>		<u>32</u>		<u>PD</u>	<u>12</u>	
Site Name		LTL	Twp	R	Sec	QQQ
<u>100-23</u>		<u>0</u>	<u>163</u>	<u>56</u>	<u>14</u>	<u>5</u>
Map Quad		LTL <sub>a</sub>	Twp <sub>a</sub>	R <sub>a</sub>	Sec <sub>a</sub>	QQQ <sub>a</sub>
<u>100-23</u>		<u>0</u>	<u>163</u>	<u>56</u>	<u>14</u>	<u>5</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)			<u>5625</u> m <sup>2</sup>
3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)			
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal			
15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)			
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)			
22 <input type="checkbox"/> Grave	23 <input type="checkbox"/> Fire Cracked Rock			
24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/> Floral Remains			
26 <input type="checkbox"/> Jump	27 <input type="checkbox"/> Fossil			
29 <input type="checkbox"/> Mound	30 <input type="checkbox"/> Hide, Hair, Fur			
31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/> Human Remains			
33 <input type="checkbox"/> Pit	34 <input type="checkbox"/> Projectile Point			
35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/> Shell (worked)			
38 <input type="checkbox"/> Rock Art	39 <input type="checkbox"/> Stone, chipped			
41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/> Stone, ground			
44 <input type="checkbox"/> Stone Circle	45 <input type="checkbox"/> Trade Good (non-Native)			
48 <input type="checkbox"/> Trail (not recent)	49 <input type="checkbox"/> Wood (worked)			
51 <input type="checkbox"/> Miscellaneous	52 <input type="checkbox"/> Other			
CM Density		Basis for Dating		
<u>53</u> Isolated Find		<u>54</u> <u>1</u>		

III. ENVIRONMENT

Landform 1	Landform 2	Slope/Exposure	View, degree	View, distance
<u>56</u>	<u>57</u> <u>58</u>	<u>59</u> <u>60</u>	<u>61</u>	<u>62</u>
Elevation	Drainage System	Dist Perm Water		
<u>63</u> <u>67</u> m.	<u>1</u>	<u>21</u> m.		
Perm Water Type	Dist Seas Water	Seas Water Type	Ecosystem	
<u>27</u>	<u>28</u> <u>32</u>	<u>33</u>	<u>34</u> <u>37</u>	

IV. C.R.M.

Ownership	Site Condition	Collection	Test	Excavation
<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>
Fieldwork Date	Management Recommendation			
<u>43</u> <u>48</u>	<u>49</u>			
Additional Information				
<u>1</u>				

OFFICE USE ONLY

Soil Association	Ecozone	Area Signf	CR Type	Verified Site	Non-Site
<u>41</u> <u>43</u>	<u>44</u> <u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
State Register	National Register	E C F	T F	MS Number	
<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u> <u>61</u>	

Coder                      Date Coded



Field Code USD-23NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla to Pembina 55 highway, turn east, go east for 3 miles, turn south onto gravel section road, go south 1½ miles to end of section road, and continue south across cultivated field until you reach the Pembina River. Site is west on ridge top.
2. Description of Site The site is in a cultivated field, located on top of a slight ridge top. Bones were found eroding out of the cut bank from along the Pembina River. These appear to be bison size. Small flecks of charcoal were recovered.
3. Description of Cultural Materials bison/cow size bones were recovered, charcoal flecks from the soil matrix surrounding the bones from along the cut river bank were recovered by flotation, and several chert flakes were recovered from the ridge top. The cut river bank indicates about 1 meter of soil deposits on top of the bones, and possibly the artifacts.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Theodore Bjornstad
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The recovery of bison size bones, buried about one meter below the surface along a cut river bank, and recovery of chert flakes from the surface indicates a buried cultural component, prehistoric.  
The charcoal flecks and possible preservation of the site warrants further work.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-23

NDCPS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of 1  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



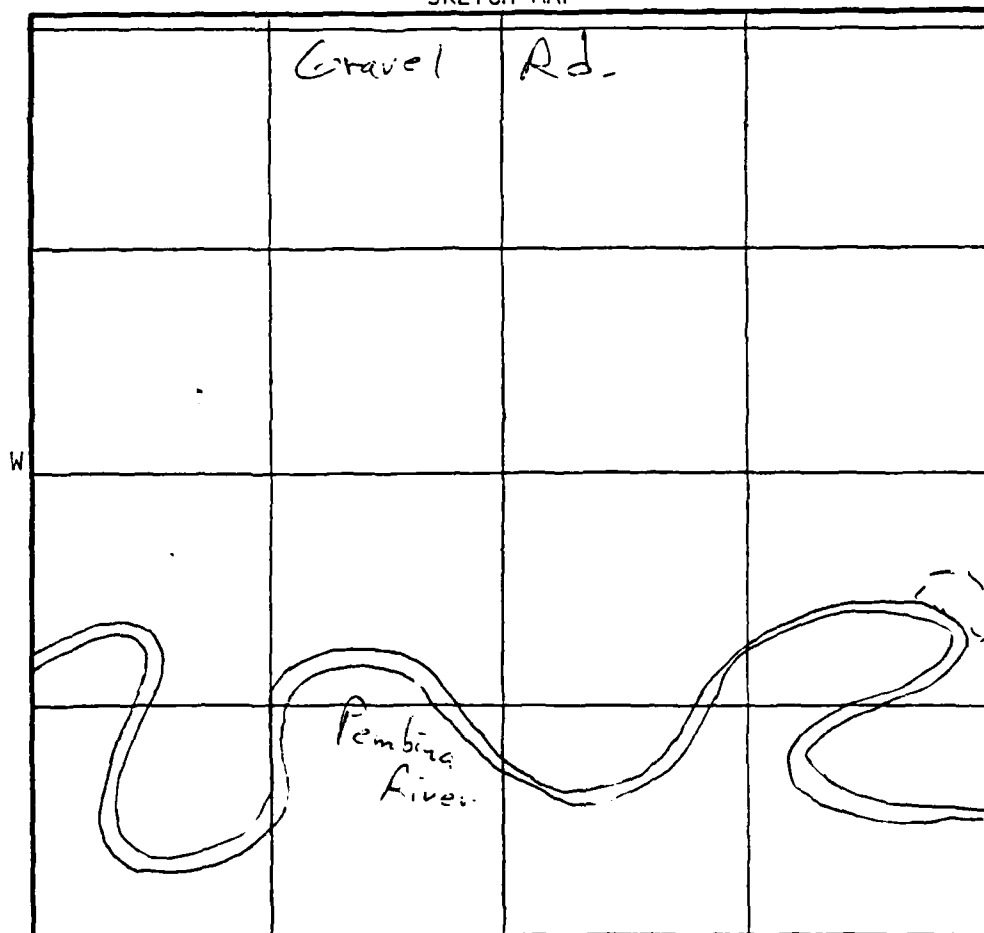
B.W. ☒ Color ☐

Photo I.D. Code  
USD-23 Pembina

Storage Location USDAL

SKETCH MAP

Map Key:



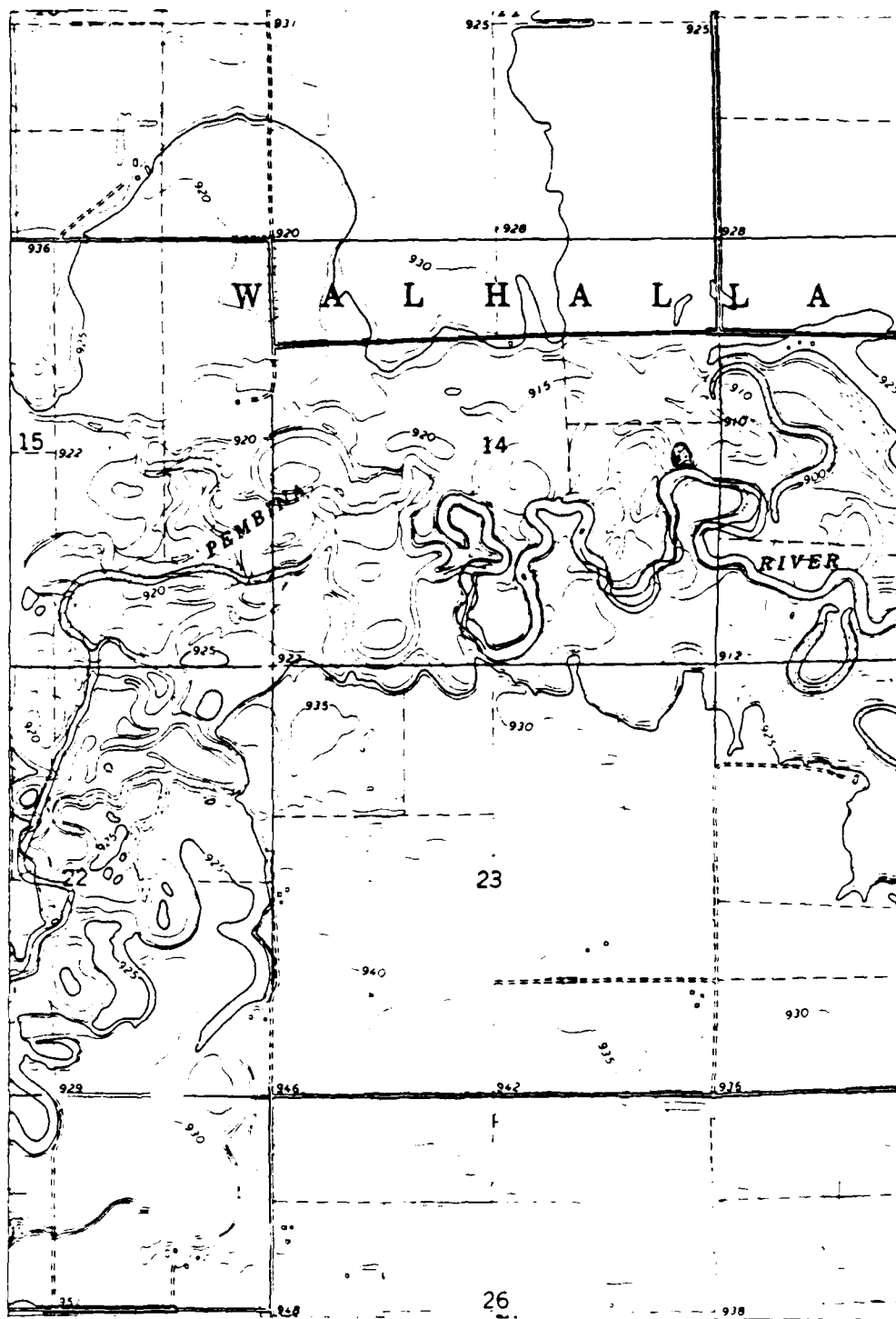
Map Scale:

400 ft

Recorded by Kenneth and Marie Brown

Date 8/12/81

USD-23



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>1-2-4</u>	SITS #		
State <u>32</u> County <u>PA</u> Site Number <u>18</u>			
Site Name <u>19</u>	LTl	Twp	R
Map Quad <u>1901</u>	<u>0</u>	<u>163</u>	<u>5414</u>
	QQQ	QQ	Q
	<u>4</u>	<u>5</u>	<u>6</u>
	LTl <sub>a</sub>	Twp <sub>a</sub>	R <sub>a</sub>
	<u>69</u>	<u>70</u>	<u>77</u>
	Sec <sub>a</sub>	QQQ <sub>a</sub>	QQ <sub>a</sub>
	<u>47</u>	<u>48</u>	<u>49</u>
		Q <sub>a</sub>	<u>50</u>

II. SITE DESCRIPTION

SITE TYPE		CULTURAL MATERIAL		Site Area
1 <input checked="" type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	3 <input checked="" type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	5 <u>7.500</u> m <sup>2</sup>
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Cultural Depth
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	19 <input type="checkbox"/> Grave	20 <input type="checkbox"/> Fire Cracked Rock	21 <u>21</u>
22 <input type="checkbox"/> Hearth	23 <input type="checkbox"/> Floral Remains	24 <input type="checkbox"/> Jump	25 <input type="checkbox"/> Fossil	Depth Indicator
26 <input type="checkbox"/> Mound	27 <input type="checkbox"/> Hide, Hair, Fur	28 <input type="checkbox"/> Other Rock Features	29 <input type="checkbox"/> Human Remains	CULTURAL/TEMPORAL AFFILIATION
31 <input type="checkbox"/> Pit	32 <input type="checkbox"/> Projectile Point	33 <input type="checkbox"/> Quarry/Mine	34 <input type="checkbox"/> Shell (worked)	37 <input type="checkbox"/> Paleo
35 <input type="checkbox"/> Rock Art	36 <input type="checkbox"/> Stone, chipped	38 <input type="checkbox"/> Rock Shelter	37 <input type="checkbox"/> Stone, ground	40 <input type="checkbox"/> Archaic
41 <input type="checkbox"/> Stone Circle	42 <input type="checkbox"/> Trade Good (non-Native)	43 <input type="checkbox"/> Trail (not recent)	44 <input type="checkbox"/> Wood (worked)	43 <input type="checkbox"/> Late Prehistoric
45 <input type="checkbox"/> Miscellaneous	46 <input type="checkbox"/> Other	47 <input type="checkbox"/> Isolated Find	48 <input type="checkbox"/> CM Density	46 <input type="checkbox"/> 47 Historic
				50 <input checked="" type="checkbox"/> Period Unknown
				Basis for Dating
				55 <u>1</u>

III. ENVIRONMENT

Landform 1 <u>56</u>	Landform 2 <u>57</u>	Slope/Exposure <u>58</u>	View, degree <u>59</u>	View, distance <u>60</u>
Elevation <u>61</u> m.	Drainage System <u>62</u>	Dist Perm Water <u>63</u> m.	Perm Water Type <u>64</u>	Dist Seas Water <u>65</u>
Seas Water Type <u>66</u>	Ecosystem <u>67</u>	Ownership <u>68</u>	Site Condition <u>69</u>	Collection <u>70</u>
Test <u>71</u>	Excavation <u>72</u>	Fieldwork Date <u>73</u>	Management Recommendation <u>74</u>	Additional Information <u>75</u>

IV. C.R.M.

Soil Association <u>76</u>	Ecozone <u>77</u>	Area Signf <u>78</u>	CR Type <u>79</u>	Verified Site <u>80</u>	Non-Site <u>81</u>
State Register <u>82</u>	National Register <u>83</u>	E C F <u>84</u>	T F <u>85</u>	MS Number <u>86</u>	

OFFICE USE ONLY

Soil Association <u>87</u>	Ecozone <u>88</u>	Area Signf <u>89</u>	CR Type <u>90</u>	Verified Site <u>91</u>	Non-Site <u>92</u>
State Register <u>93</u>	National Register <u>94</u>	E C F <u>95</u>	T F <u>96</u>	MS Number <u>97</u>	

Coder 1-2-4

Date Coded 1-2-4

1. Access Access to the site is 2 miles north of Walhalla to Pembina 55  
highway. turn east, go east for 3 miles, turn south onto gravel section  
road, go south 1½ miles to end of section road, and continue south across  
cultivated field until you reach the Pembina River. Site is west of this area.
2. Description of Site The site is in a cultivated field adjacent to the Pembina  
River. A scatter of bone fragments and a few small pieces of chipped stone,  
i.e. flakes, were recovered from the ground surface. This site is considered  
an isolated find because of the paucity of cultural remains and unknown  
nature of the deposits.
3. Description of Cultural Materials A scatter of bone fragments were recovered.  
Several small flakes of chert were recovered. No culturally diagnostic  
artifacts were recovered, nor was there any discernible cultural features.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Theodore Bjornstad
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The recovery of bone and a few chipped stone  
artifacts from the cultivated field may indicate a buried, prehistoric  
component. It is recommended that further investigations be conducted at  
this site.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-24

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



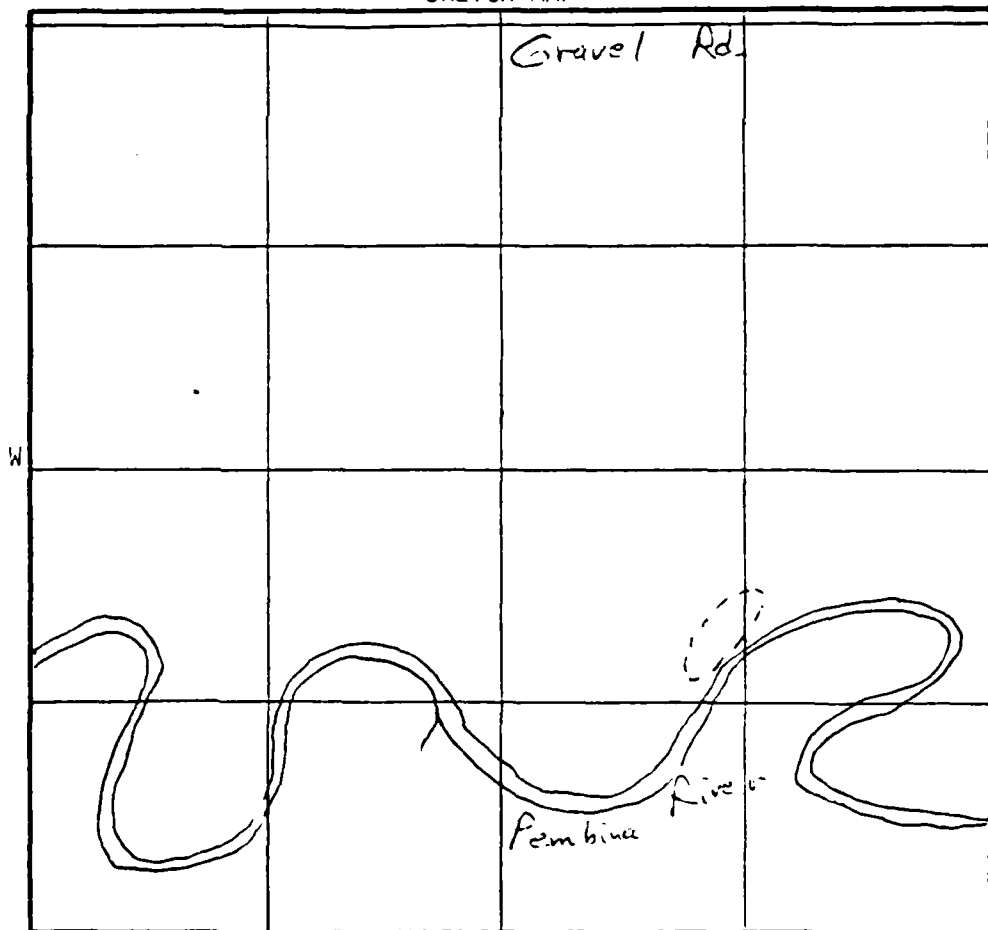
B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-24 Pembina

Storage Location USDAL

SKETCH MAP

Map Key:



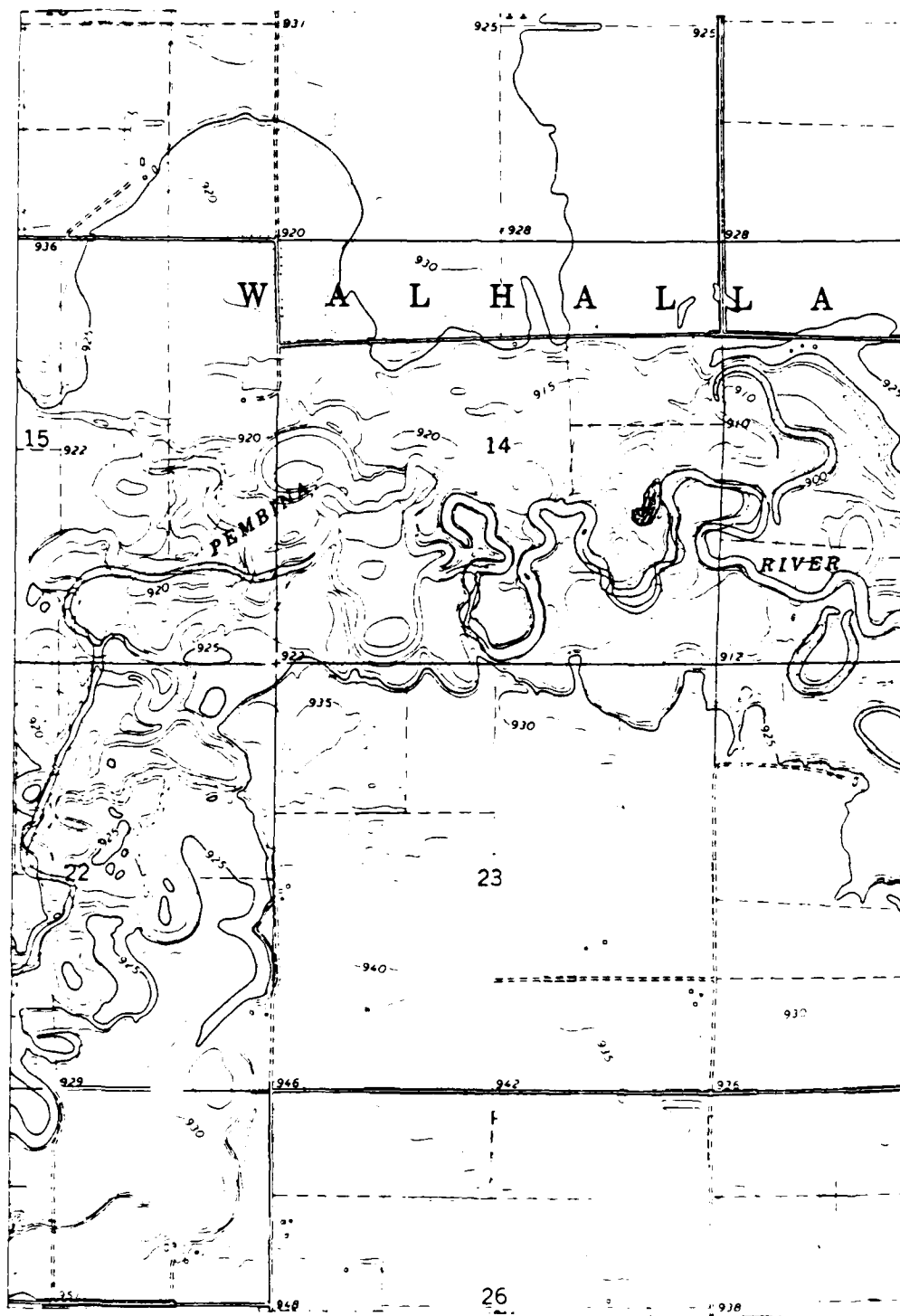
Map Scale:

400 ft

Recorded by Kenneth and Marie Brown

Date 8/12/81

USD-24



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code <u>163-5623</u>	State <u>32</u>	County <u>FB</u>	Site Number <u>19</u>
Site Name _____	LTL <u>0</u>	Twp <u>163</u>	R <u>56</u>
Map Quad <u>163-5623</u>	Sec <u>23</u>	QQQ <u>1</u>	QQ <u>5</u>

II. SITE DESCRIPTION

SITE TYPE	CULTURAL MATERIAL	Site Area
1 <input type="checkbox"/> Conical Timber Lodge	2 <input type="checkbox"/> Bone (worked)	5 <u>21000</u> m <sup>2</sup>
3 <input type="checkbox"/> CM Scatter	4 <input type="checkbox"/> Ceramics (Native)	Cultural Depth
13 <input type="checkbox"/> Earthlodge Village	14 <input type="checkbox"/> Charcoal	19 <u>21</u>
15 <input type="checkbox"/> Earthworks	16 <input type="checkbox"/> Copper (Native)	Depth Indicator
17 <input type="checkbox"/> Fortification	18 <input type="checkbox"/> Faunal Remains (skeletal)	28 <u>0</u>
22 <input type="checkbox"/> Grave	23 <input type="checkbox"/> Fire Cracked Rock	CULTURAL/TEMPORAL AFFILIATION
24 <input type="checkbox"/> Hearth	25 <input type="checkbox"/> Floral Remains	37 <input type="checkbox"/> Paleo
26 <input type="checkbox"/> Jump	27 <input type="checkbox"/> Fossil	40 <input type="checkbox"/> Archaic
29 <input type="checkbox"/> Mound	30 <input type="checkbox"/> Hide, Hair, Fur	43 <input type="checkbox"/> Late Prehistoric
31 <input type="checkbox"/> Other Rock Features	32 <input type="checkbox"/> Human Remains	46 <input type="checkbox"/> 1047 Historic
33 <input type="checkbox"/> Pit	34 <input type="checkbox"/> Projectile Point	50 <input type="checkbox"/> Period Unknown
35 <input type="checkbox"/> Quarry/Mine	36 <input type="checkbox"/> Shell (worked)	
38 <input type="checkbox"/> Rock Art	39 <input type="checkbox"/> Stone, chipped	
41 <input type="checkbox"/> Rock Shelter	42 <input type="checkbox"/> Stone, ground	
44 <input type="checkbox"/> Stone Circle	45 <input type="checkbox"/> Trade Good (non-Native)	
48 <input type="checkbox"/> Trail (not recent)	49 <input type="checkbox"/> Wood (worked)	
51 <input type="checkbox"/> Miscellaneous	52 <input type="checkbox"/> Other	

III. ENVIRONMENT

Landform 1 <u>56</u>	Landform 2 <u>57 58</u>	Slope/Exposure <u>59 60</u>	View, degree <u>61</u>	View, distance <u>62</u>
Elevation <u>200</u> m.	Drainage System <u>1</u>	Dist Perm Water <u>50</u> m.		
Perm Water Type <u>27</u>	Dist Seas Water <u>28 32</u>	Seas Water Type <u>33</u>	Ecosystem <u>34 37</u>	

IV. C.R.M.

Ownership <u>38</u>	Site Condition <u>39</u>	Collection <u>40</u>	Test <u>41</u>	Excavation <u>42</u>
Fieldwork Date <u>43 48</u>	Management Recommendation <u>49</u>			

OFFICE USE ONLY

Additional Information <u>1</u>	Soil Association <u>41 43</u>	Ecozone <u>44 45</u>	Area Signf <u>46</u>	CR Type <u>47</u>	Verified Site <u>48</u>	Non-Site <u>49</u>
	State Register <u>50</u>	National Register <u>51</u>	E C F <u>52</u>	T F <u>53</u>	MS Number <u>54</u>	<u>61</u>

Coder

Date Coded



1. Access Access to the site is 3½ miles east of Walhalla on Pembina 9 highway,  
then north on a gravel driveway to a yellow house north of the  
highway. Follow the driveway, which turns into a dirt section road, for  
a little more than ½ mile north of no. 9 highway to edge of ridge. This is it.
2. Description of Site The site is in a cultivated field situated on top of  
a ridge with a prominent lookout point. Historic and prehistoric artifacts  
are numerous at the east end of the site, while only prehistoric materials  
occur, less frequently, in the western portions of the site. The site follows  
the ridge for ½ mile to the west. There is an excellent view of the valley  
from this site.
3. Description of Cultural Materials Numerous historic artifacts, glass,  
ceramics, metal, buttons, trade pipe, etc. were collected. The trade  
pipe and some of the bottle rims suggests a date of about 1850 or later.  
The prehistoric artifacts, chipped stone tools and a potsherd, are indicative  
of late prehistoric occupations at the site.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Francis Dalzell
8. Vegetation Crops
9. Cover (% of visible ground) 75%, cut wheat
10. Man-hours spent on site 6
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. Statement of Significance The large quantity of historic, with some  
prehistoric artifacts, recovered from the site, its excellent location  
along the Pembina River, indicate a possible trading post location or a  
Indian site dating to the mid 1850's. This site requires further investigation.
17. Comments/References \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-27

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topographi  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographi  
section.



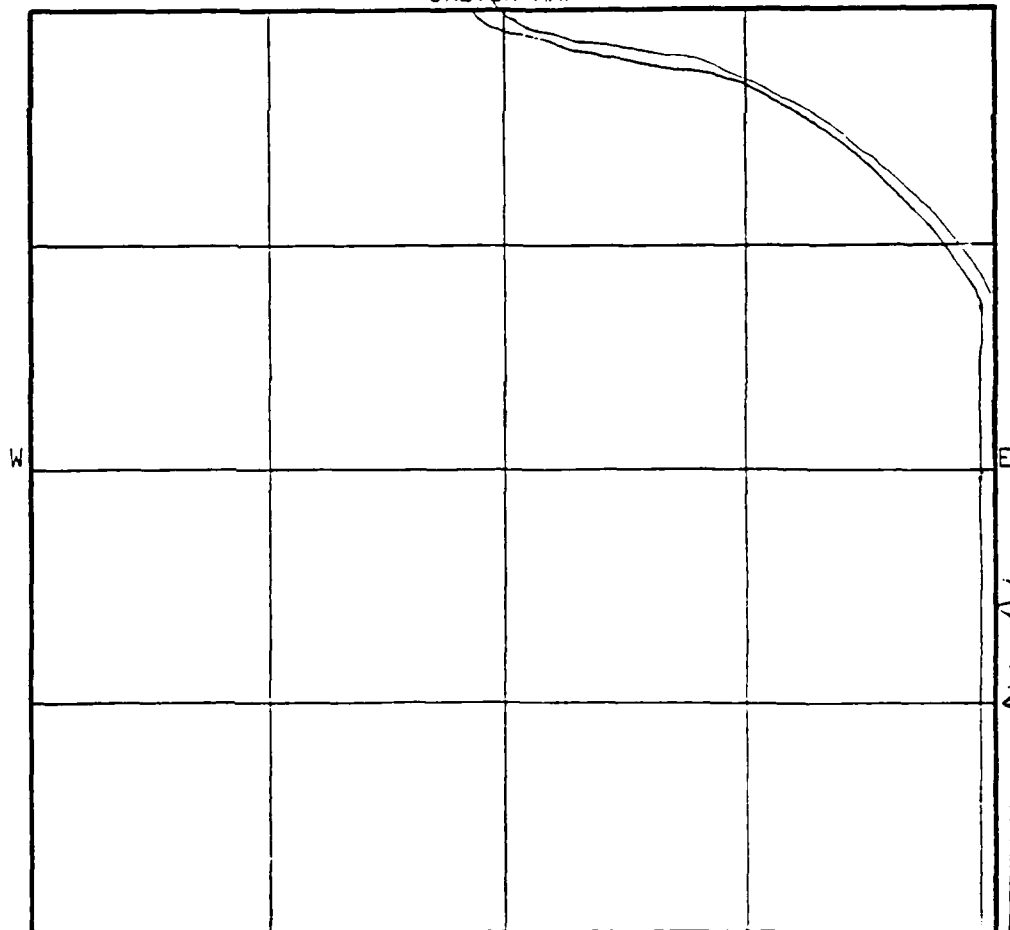
B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-27 Pembina

Storage Location USDAL

SKETCH MAP

Map Key:



Map Scale:

Recorded by Kenneth and Marie Brown

Date 8/12/81

Field Code \_\_\_\_\_

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

SITE  
PHOTO

B.W. ☐ Color ☐

Photo I.D. Code \_\_\_\_\_

Storage Location \_\_\_\_\_

SKETCH MAP

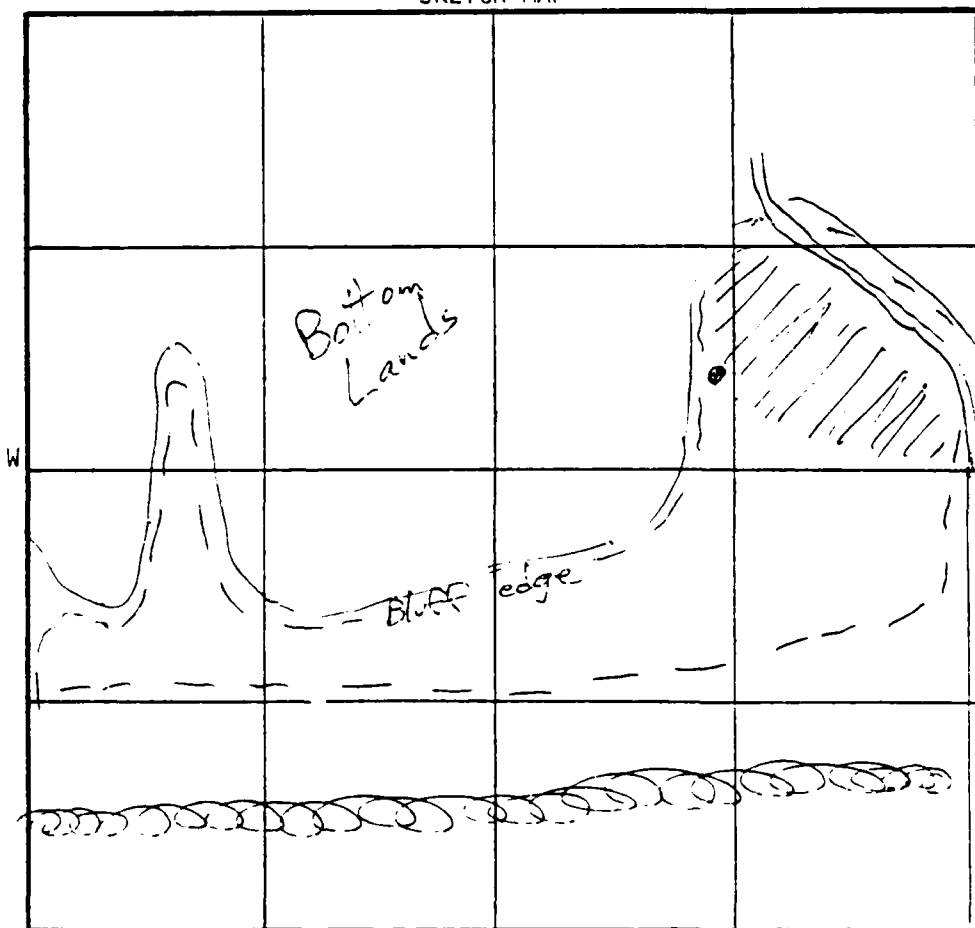
Map Key:

////// historic  
component

~~~~~ shelter  
belt

● - prehistoric pottery

Map Scale:



Recorded by \_\_\_\_\_

Date \_\_\_\_\_



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                             |                              |                                |                               |                              |                              |
|-----------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|
| Field Code<br><u>05D-23</u> | SITS #                       |                                | State<br><u>32</u>            | County<br><u>7B</u>          | Site Number<br><u>20</u>     |
| 1 _____ 10                  | 11                           | 13                             | 15                            | 18                           |                              |
| Site Name<br>_____          | LTL<br><u>0</u>              | Twp<br><u>163</u>              | R<br><u>5630</u>              | Sec<br><u>6</u>              | QQQ<br><u>6</u>              |
| 19 _____ 38                 | 39                           | 40                             | 47                            | 48                           | 49                           |
| Map Quad<br><u>163-5630</u> | LTL <sub>a</sub><br><u>0</u> | Twp <sub>a</sub><br><u>163</u> | R <sub>a</sub><br><u>5630</u> | Sec <sub>a</sub><br><u>6</u> | QQQ <sub>a</sub><br><u>6</u> |
| 51 _____ 68                 | 69                           | 70                             | 77                            | 78                           | 79                           |

1. N½
2. E½
3. S½
4. W½
5. NE¼
6. SE¼
7. SW¼
8. NW¼
9. C

II. SITE DESCRIPTION

|                                                      |                                                           |                                                       |                                               |                                                 |
|------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------------|
| SITE TYPE                                            |                                                           | CULTURAL MATERIAL                                     |                                               | Site Area                                       |
| 1 <input type="checkbox"/> Conical Timber Lodge      | 2 <input type="checkbox"/> CM Scatter                     | 3 <input type="checkbox"/> Earthlodge Village         | 4 <input type="checkbox"/> Earthworks         | 5 <input type="checkbox"/> Fortification        |
| 13 <input type="checkbox"/> Grave                    | 14 <input type="checkbox"/> Hearth                        | 15 <input type="checkbox"/> Jump                      | 16 <input type="checkbox"/> Mound             | 17 <input type="checkbox"/> Other Rock Features |
| 22 <input type="checkbox"/> Pit                      | 23 <input type="checkbox"/> Quarry/Mine                   | 24 <input type="checkbox"/> Rock Art                  | 25 <input type="checkbox"/> Rock Shelter      | 26 <input type="checkbox"/> Stone Circle        |
| 31 <input type="checkbox"/> Stone Trail (not recent) | 32 <input type="checkbox"/> Trail (not recent)            | 33 <input type="checkbox"/> Miscellaneous             | 34 <input type="checkbox"/> Bone (worked)     | 35 <input type="checkbox"/> Ceramics (Native)   |
| 41 <input type="checkbox"/> Charcoal                 | 42 <input type="checkbox"/> Copper (Native)               | 43 <input type="checkbox"/> Faunal Remains (skeletal) | 44 <input type="checkbox"/> Fire Cracked Rock | 45 <input type="checkbox"/> Floral Remains      |
| 51 <input type="checkbox"/> Fossil                   | 52 <input type="checkbox"/> Hide, Hair, Fur               | 53 <input type="checkbox"/> Human Remains             | 54 <input type="checkbox"/> Projectile Point  | 55 <input type="checkbox"/> Shell (worked)      |
| 56 <input type="checkbox"/> Stone, chipped           | 57 <input type="checkbox"/> Stone, ground                 | 58 <input type="checkbox"/> Trade Good (non-Native)   | 59 <input type="checkbox"/> Wood (worked)     | 60 <input type="checkbox"/> Other               |
| 61 <input type="checkbox"/> Isolated Find            | 62 <input type="checkbox"/> CM Density                    | 63 <input type="checkbox"/> Basis for Dating          | 64 <input type="checkbox"/> Site Area         | 65 <input type="checkbox"/> Cultural Depth      |
| 66 <input type="checkbox"/> Depth Indicator          | 67 <input type="checkbox"/> CULTURAL/TEMPORAL AFFILIATION | 68 <input type="checkbox"/> Paleo                     | 69 <input type="checkbox"/> Archaic           | 70 <input type="checkbox"/> Late Prehistoric    |
| 71 <input type="checkbox"/> Historic                 | 72 <input type="checkbox"/> Period Unknown                | 73 <input type="checkbox"/> CM Density                | 74 <input type="checkbox"/> Basis for Dating  | 75 <input type="checkbox"/> Site Area           |

III. ENVIRONMENT

|                              |                                 |                                |                              |                             |
|------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------|
| Landform 1<br><u>56</u>      | Landform 2<br><u>57 58</u>      | Slope/Exposure<br><u>59 60</u> | View, degree<br><u>61</u>    | View, distance<br><u>62</u> |
| Elevation<br><u>63 67</u>    | Drainage System<br><u>1</u>     | Dist Seas Water<br><u>21</u>   | Seas Water Type<br><u>22</u> | Ecosystem<br><u>26</u>      |
| Perm Water Type<br><u>27</u> | Dist Seas Water<br><u>28 32</u> | Seas Water Type<br><u>33</u>   | Ecosystem<br><u>34 37</u>    |                             |

IV. C.R.M.

|                                |                                        |                         |                   |                         |
|--------------------------------|----------------------------------------|-------------------------|-------------------|-------------------------|
| Ownership<br><u>38</u>         | Site Condition<br><u>39</u>            | Collection<br><u>40</u> | Test<br><u>41</u> | Excavation<br><u>42</u> |
| Fieldwork Date<br><u>43 48</u> | Management Recommendation<br><u>49</u> |                         |                   |                         |

OFFICE USE ONLY

|                                  |                                |                         |                      |                            |                       |
|----------------------------------|--------------------------------|-------------------------|----------------------|----------------------------|-----------------------|
| Soil Association<br><u>41 43</u> | Ecozone<br><u>44 45</u>        | Area Signf<br><u>46</u> | CR Type<br><u>47</u> | Verified Site<br><u>48</u> | Non-Site<br><u>49</u> |
| State Register<br><u>50</u>      | National Register<br><u>51</u> | E C F<br><u>52</u>      | T F<br><u>53</u>     | MS Number<br><u>54</u>     | <u>61</u>             |

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                            |    |          |           |                    |                     |                          |
|----------------------------|----|----------|-----------|--------------------|---------------------|--------------------------|
| Field Code<br><u>56-23</u> |    | SITS #   |           | State<br><u>32</u> | County<br><u>PE</u> | Site Number<br><u>20</u> |
| 1                          | 10 | 11       | 13        | 15                 | 18                  |                          |
| Site Name                  |    | LTL      | Twp       | R                  | Sec                 | QQQ                      |
| <u>114-114-114</u>         |    | <u>0</u> | <u>16</u> | <u>3</u>           | <u>56</u>           | <u>29</u>                |
| 19                         | 38 | 39       | 40        | 47                 | 48                  | 49                       |
| Map Quad                   |    | LTL      | Twp       | R                  | Sec                 | QQQ                      |
| <u>114-114-114</u>         |    | <u>0</u> | <u>16</u> | <u>3</u>           | <u>56</u>           | <u>29</u>                |
| 51                         | 68 | 69       | 70        | 77                 | 78                  | 79                       |

II. SITE DESCRIPTION

|                                           |                                               |                   |                                                               |                                                       |
|-------------------------------------------|-----------------------------------------------|-------------------|---------------------------------------------------------------|-------------------------------------------------------|
| SITE TYPE                                 |                                               | CULTURAL MATERIAL |                                                               | Site Area                                             |
| 1                                         | <input type="checkbox"/> Conical Timber Lodge | 2                 | <input type="checkbox"/> Bone (worked)                        | 5 <u>60000</u> 12 m <sup>2</sup>                      |
| 3                                         | <input type="checkbox"/> CM Scatter           | 4                 | <input type="checkbox"/> Ceramics (Native)                    |                                                       |
| 13                                        | <input type="checkbox"/> Earthlodge Village   | 14                | <input type="checkbox"/> Charcoal                             |                                                       |
| 15                                        | <input type="checkbox"/> Earthworks           | 16                | <input type="checkbox"/> Copper (Native)                      | Cultural Depth                                        |
| 17                                        | <input type="checkbox"/> Fortification        | 18                | <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <u>21</u>                                          |
| 22                                        | <input type="checkbox"/> Grave                | 23                | <input type="checkbox"/> Fire Cracked Rock                    | Depth Indicator                                       |
| 24                                        | <input type="checkbox"/> Hearth               | 25                | <input type="checkbox"/> Floral Remains                       | 28 <u>2</u>                                           |
| 26                                        | <input type="checkbox"/> Jump                 | 27                | <input type="checkbox"/> Fossil                               |                                                       |
| 29                                        | <input type="checkbox"/> Mound                | 30                | <input type="checkbox"/> Hide, Hair, Fur                      | CULTURAL/TEMPORAL                                     |
| 31                                        | <input type="checkbox"/> Other Rock Features  | 32                | <input type="checkbox"/> Human Remains                        | AFFILIATION                                           |
| 33                                        | <input type="checkbox"/> Pit                  | 34                | <input type="checkbox"/> Projectile Point                     | 37 <input type="checkbox"/> Paleo                     |
| 35                                        | <input type="checkbox"/> Quarry/Mine          | 36                | <input type="checkbox"/> Shell (worked)                       | 40 <input type="checkbox"/> Archaic                   |
| 38                                        | <input type="checkbox"/> Rock Art             | 39                | <input checked="" type="checkbox"/> Stone, chipped            | 43 <input type="checkbox"/> Late Prehistoric          |
| 41                                        | <input type="checkbox"/> Rock Shelter         | 42                | <input type="checkbox"/> Stone, ground                        | 46 <u>10</u> 47 Historic                              |
| 44                                        | <input type="checkbox"/> Stone Circle         | 45                | <input type="checkbox"/> Trade Good (non-Native)              | 50 <input checked="" type="checkbox"/> Period Unknown |
| 48                                        | <input type="checkbox"/> Trail (not recent)   | 49                | <input type="checkbox"/> Wood (worked)                        |                                                       |
| 51                                        | <input type="checkbox"/> Miscellaneous        | 52                | <input checked="" type="checkbox"/> Other                     |                                                       |
| 53 <input type="checkbox"/> Isolated Find |                                               | CM Density        | Basis for Dating                                              | 55 <u>3</u>                                           |

III. ENVIRONMENT

|                 |                     |                 |                     |                |
|-----------------|---------------------|-----------------|---------------------|----------------|
| Landform 1      | Landform 2          | Slope/Exposure  | View, degree        | View, distance |
| <u>1</u>        | <u>2</u>            | <u>10</u>       | <u>4</u>            | <u>2</u>       |
| 56              | 57 58               | 59 60           | 61                  | 62             |
| Elevation       | Drainage System     |                 | Dist Perm Water     |                |
| <u>150</u> m.   | <u>SE</u>           |                 | <u>300</u> m.       |                |
| 63              | 67                  | 1               | 21                  | 22             |
| Perm Water Type | Dist Seas Water     | Seas Water Type | Ecosystem           |                |
| <u>1</u>        | <u>28</u> <u>32</u> | <u>33</u>       | <u>34</u> <u>37</u> |                |

IV. C.R.M.

|                         |                |                           |          |            |
|-------------------------|----------------|---------------------------|----------|------------|
| Ownership               | Site Condition | Collection                | Test     | Excavation |
| <u>1</u>                | <u>0</u>       | <u>3</u>                  | <u>0</u> | <u>0</u>   |
| 38                      | 39             | 40                        | 41       | 42         |
| Fieldwork Date          |                | Management Recommendation |          |            |
| <u>1981</u>             |                | <u>2</u>                  |          |            |
| 43                      | 48             | 49                        |          |            |
| Additional Information  |                |                           |          |            |
| <u>CM - 114-114-114</u> |                |                           |          |            |
| 1                       |                |                           |          | 40         |

OFFICE USE ONLY

|                     |                     |                     |                     |               |          |
|---------------------|---------------------|---------------------|---------------------|---------------|----------|
| Soil Association    | Ecozone             | Area Signf          | CR Type             | Verified Site | Non-Site |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>           | <u>47</u> <u>48</u> | <u>49</u>     |          |
| State Register      | National Register   | E C F               | T F                 | MS Number     |          |
| <u>50</u>           | <u>51</u>           | <u>52</u> <u>53</u> | <u>54</u>           | <u>61</u>     |          |

Coder 56-23 Date Coded 1981

1. Access Access to the site is 1/2 mile south of the Walhalla cemetery on a high bluff overlooking the Pembina River Valley.
2. Description of Site The site is in a cultivated field on a high bluff overlooking the Pembina River Valley to the south. A thin scatter of bone, chipped stone, and historic ceramics were recovered from the surface of the ground.
3. Description of Cultural Materials A few fragments of bone, some chipped stone tools, flakes, were recovered. No culturally diagnostic artifacts were recovered. Some historic ceramics were recovered. No dates are obtainable.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Thomas Schurman
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site, with its prominent view of the Pembina River Valley, and location along the edge of a prominent bluff top, may have buried cultural deposits and should be further investigated.
17. Comments/References \_\_\_\_\_

Field Code USD-29

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograp  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographi  
section.



B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-29 Pembina

Storage Location USDAL

SKETCH MAP

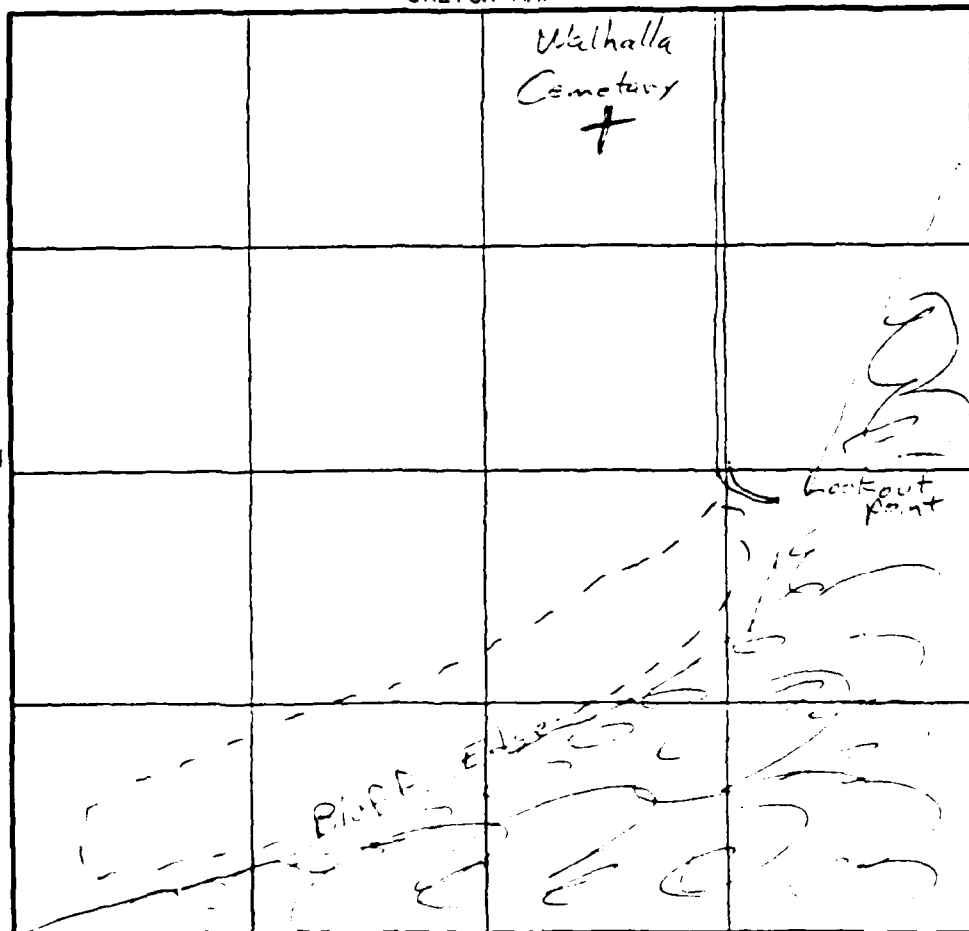
Map Key:

SE Timber

---  
site area

Map Scale:

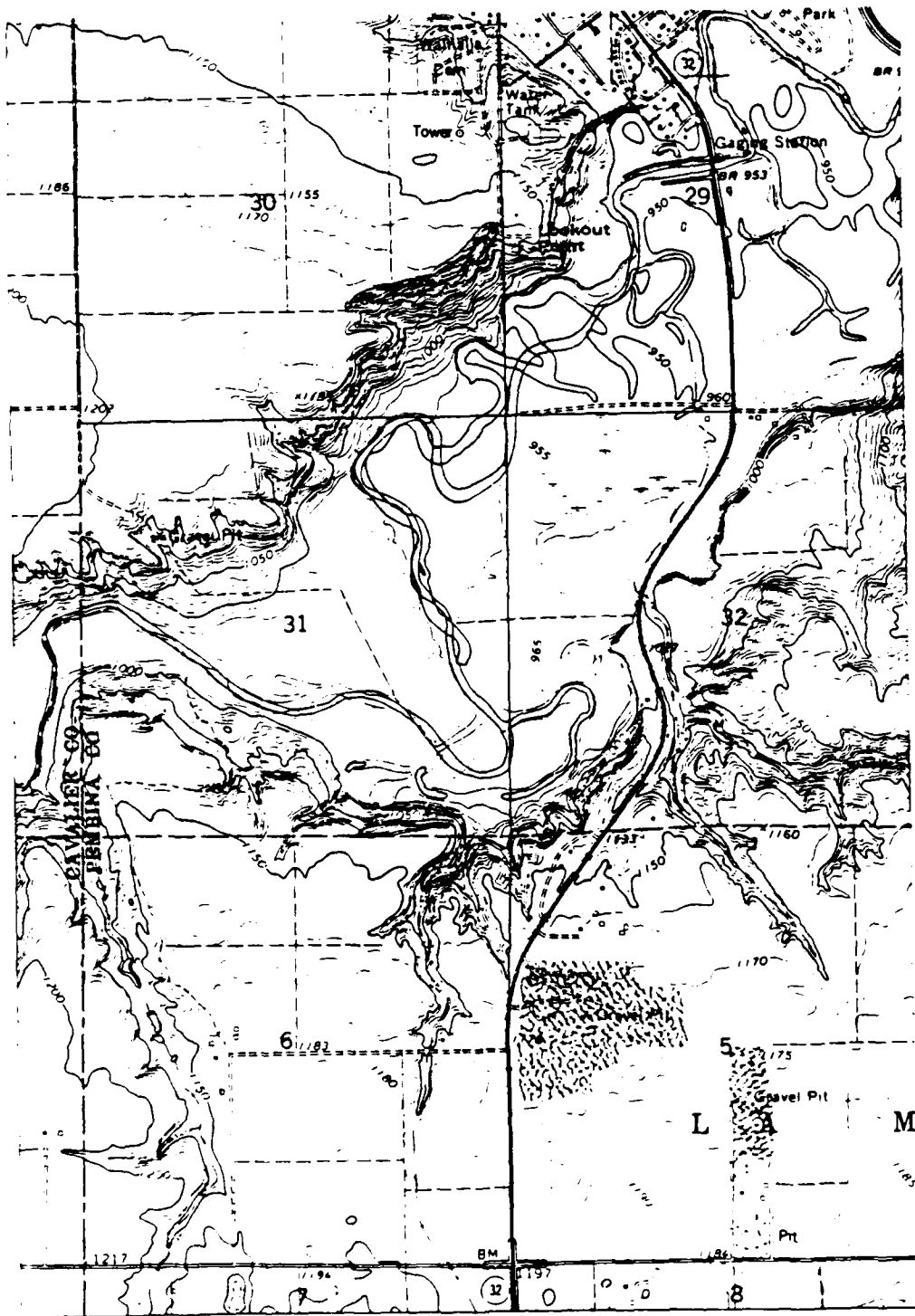
500 ft.



Recorded by Kenneth and Marie Brown

Date 8/14/81





NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 2 State 32 County FE Site Number 21  
 1 10 11 13 15 18  
 Site Name \_\_\_\_\_ LTL Twp R Sec QQQ QQ Q  
 19 38 39 40 47 48 49 50  
 Map Quad 163 163 LTL Twp R Sec QQQa QQa Qa  
 51 68 69 70 77 78 79 80

II. SITE DESCRIPTION

|                                                 |                                                 |                                               |                                                |                                                       |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------|------------------------------------------------|-------------------------------------------------------|
| SITE TYPE                                       |                                                 | CULTURAL MATERIAL                             |                                                | Site Area                                             |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> CM Scatter           | 3 <input type="checkbox"/> Earthlodge Village | 4 <input type="checkbox"/> Earthworks          | 5 <u>28125</u> m <sup>2</sup>                         |
| 13 <input type="checkbox"/> Fortification       | 14 <input type="checkbox"/> Grave               | 15 <input type="checkbox"/> Hearth            | 16 <input type="checkbox"/> Jump               | Cultural Depth                                        |
| 17 <input type="checkbox"/> Mound               | 18 <input type="checkbox"/> Other Rock Features | 19 <input type="checkbox"/> Pit               | 20 <input type="checkbox"/> Quarry/Mine        | 21 <u>21</u>                                          |
| 22 <input type="checkbox"/> Rock Art            | 23 <input type="checkbox"/> Rock Shelter        | 24 <input type="checkbox"/> Stone Circle      | 25 <input type="checkbox"/> Trail (not recent) | 26 <input type="checkbox"/> Miscellaneous             |
| 27 <input type="checkbox"/> Bone (worked)       | 28 <input type="checkbox"/> Ceramics (Native)   | 29 <input type="checkbox"/> Charcoal          | 30 <input type="checkbox"/> Copper (Native)    | 31 <input type="checkbox"/> Faunal Remains (skeletal) |
| 32 <input type="checkbox"/> Fire Cracked Rock   | 33 <input type="checkbox"/> Floral Remains      | 34 <input type="checkbox"/> Fossil            | 35 <input type="checkbox"/> Hide, Hair, Fur    | 36 <input type="checkbox"/> Human Remains             |
| 37 <input type="checkbox"/> Projectile Point    | 38 <input type="checkbox"/> Shell (worked)      | 39 <input type="checkbox"/> Stone, chipped    | 40 <input type="checkbox"/> Stone, ground      | 41 <input type="checkbox"/> Trade Good (non-Native)   |
| 42 <input type="checkbox"/> Wood (worked)       | 43 <input type="checkbox"/> Other               | 44 <input type="checkbox"/> Isolated Find     | 45 <input type="checkbox"/> CM Density         | 46 <input type="checkbox"/> Basis for Dating          |
| 47 <input type="checkbox"/> Paleo               | 48 <input type="checkbox"/> Archaic             | 49 <input type="checkbox"/> Late Prehistoric  | 50 <input type="checkbox"/> 47 Historic        | 51 <input type="checkbox"/> Period Unknown            |
| 52 <input type="checkbox"/> Depth Indicator     | 53 <input type="checkbox"/> 28                  | 54 <input type="checkbox"/> 1                 | 55 <input type="checkbox"/> 1                  |                                                       |

III. ENVIRONMENT

Landform 1 10 Landform 2 15 Slope/Exposure 2 View, degree 3 View, distance 1700 m.  
 56 57 58 59 60 61 62  
 Elevation 363 m. Drainage System 1 Dist Perm Water 1700 m.  
 63 67 1 21 22 26  
 Perm Water Type 1 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34  
 27 28 32 33 34 37

IV. C.R.M.

Ownership 1 Site Condition 1 Collection 1 Test 1 Excavation 1  
 38 39 40 41 42  
 Fieldwork Date 1980 Management Recommendation 2  
 43 48 49  
 Additional Information \_\_\_\_\_  
 1 40

OFFICE USE ONLY

Soil Association \_\_\_\_\_ Ecozone \_\_\_\_\_ Area Signf \_\_\_\_\_ CR Type \_\_\_\_\_ Verified Site \_\_\_\_\_ Non-Site \_\_\_\_\_  
 41 43 44 45 46 47 48 49  
 State Register \_\_\_\_\_ National Register \_\_\_\_\_ E C F T F MS Number \_\_\_\_\_  
 50 51 52 53 54 61

Coder \_\_\_\_\_ Date Coded \_\_\_\_\_

Field Code USD-32NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is southeast of Walhalla. Take county road no. 9 east of town, 1/2 mile east, turn south onto a gravel road at the Johnson farms silos and storage areas, go south a little over 1 mile. The site is on a hill top on both sides of the gravel road.
2. Description of Site The site is in a cultivated field on both sides of a gravel road. The site is located on a hill top and follows the ridge. A thin scatter of chert flakes and debris, and some bone fragments, were recovered from the surface of the ground.
3. Description of Cultural Materials Chert flakes and bone fragments were recovered, but no culturally diagnostic artifacts were recovered or observed. No cultural features were observed.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Lloyd Mathison and Ellen Mettelman
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The location of this site on a hill top at the ecotone between the Pembina River Valley and the flat uplands deserves further investigation. This is a prehistoric site.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/15/81

Field Code USD-32

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-32 Pembina

Storage Location \_\_\_\_\_  
USDA

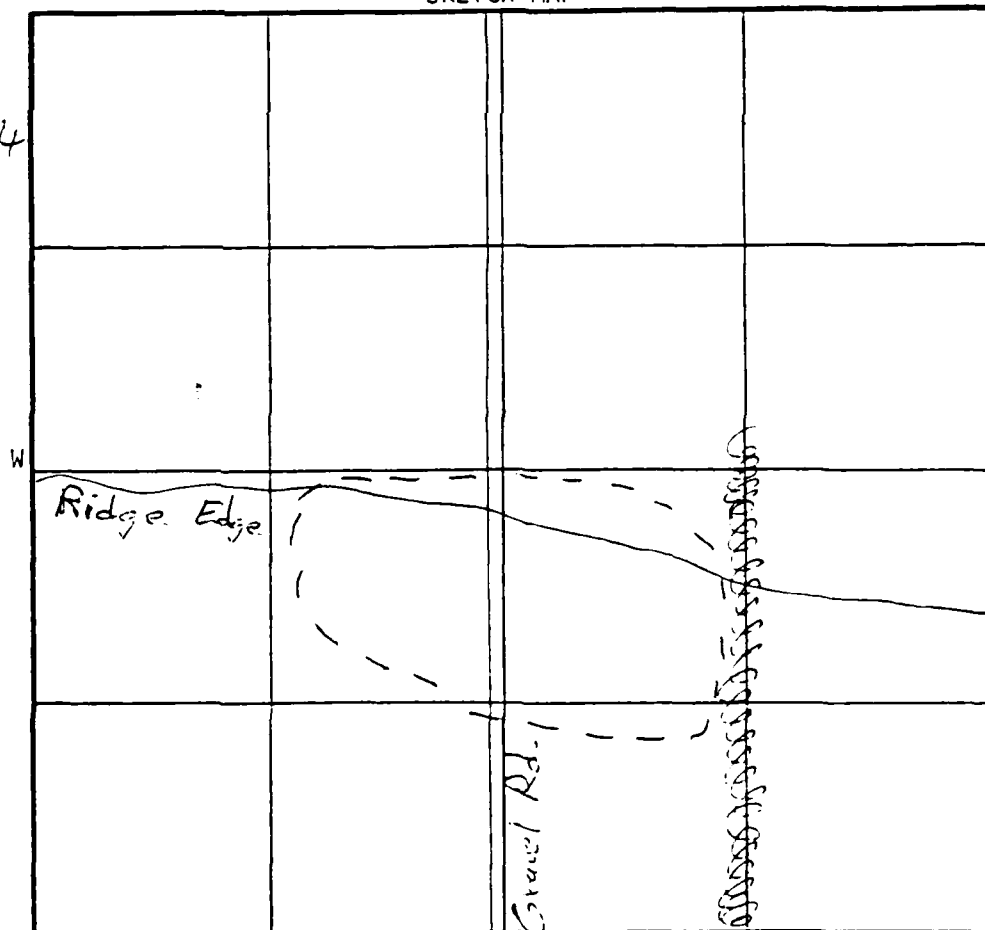
SKETCH MAP

Map Key:

*Shelter belt*  
--- site area

Map Scale:

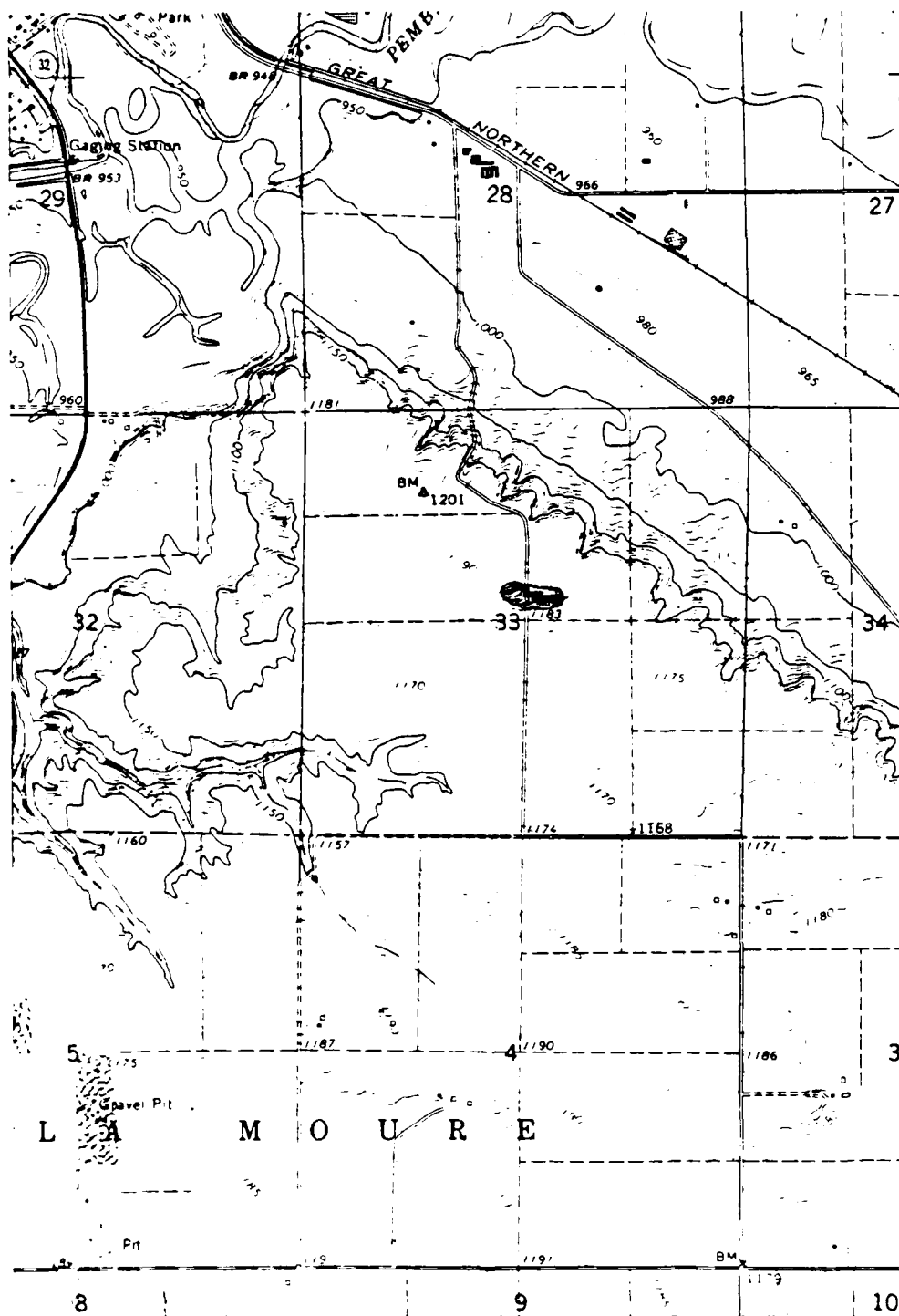
*250 ft.*



Recorded by Kenneth and Marie Brown

Date 8/15/81

USD-32



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                            |  |                   |                  |                                         |                  |                  |                 |                |
|----------------------------|--|-------------------|------------------|-----------------------------------------|------------------|------------------|-----------------|----------------|
| Field Code<br><u>15-37</u> |  | SITS #            |                  | State County Site Number                |                  |                  |                 |                |
| <u>1</u> <u>10</u>         |  | <u>3</u> <u>2</u> |                  | <u>11</u> <u>13</u> <u>15</u> <u>18</u> |                  |                  |                 |                |
| Site Name                  |  | LTL               | Twp              | R                                       | Sec              | QQQ              | QQ              | Q              |
| <u>19</u> <u>38</u>        |  | <u>6</u>          | <u>163</u>       | <u>56</u>                               | <u>34</u>        | <u>7</u>         | <u>7</u>        | <u>7</u>       |
| Map Quad                   |  | LTL <sub>a</sub>  | Twp <sub>a</sub> | R <sub>a</sub>                          | Sec <sub>a</sub> | QQQ <sub>a</sub> | QQ <sub>a</sub> | Q <sub>a</sub> |
| <u>51</u> <u>68</u>        |  | <u>69</u>         | <u>70</u>        | <u>77</u>                               | <u>78</u>        | <u>79</u>        | <u>80</u>       | <u>80</u>      |

II. SITE DESCRIPTION

|           |                      |                    |                           |                                                 |
|-----------|----------------------|--------------------|---------------------------|-------------------------------------------------|
| SITE TYPE |                      | CULTURAL MATERIAL  |                           | Site Area                                       |
| 1         | Conical Timber Lodge | 2                  | Bone (worked)             | <u>5</u> <u>12,500</u> <u>12</u> m <sup>2</sup> |
| 3         | CM Scatter           | 4                  | Ceramics (Native)         | Cultural Depth                                  |
| 13        | Earthlodge Village   | 14                 | Charcoal                  | <u>19</u> <u>21</u>                             |
| 15        | Earthworks           | 16                 | Copper (Native)           | Depth Indicator                                 |
| 17        | Fortification        | 18                 | Faunal Remains (skeletal) | <u>28</u>                                       |
| 22        | Grave                | 23                 | Fire Cracked Rock         |                                                 |
| 24        | Hearth               | 25                 | Floral Remains            |                                                 |
| 26        | Jump                 | 27                 | Fossil                    |                                                 |
| 29        | Mound                | 30                 | Hide, Hair, Fur           |                                                 |
| 31        | Other Rock Features  | 32                 | Human Remains             | CULTURAL/TEMPORAL AFFILIATION                   |
| 33        | Pit                  | 34                 | Projectile Point          | 37                                              |
| 35        | Quarry/Mine          | 36                 | Shell (worked)            | <u>40</u>                                       |
| 38        | Rock Art             | 39                 | Stone, chipped            | <u>43</u>                                       |
| 41        | Rock Shelter         | 42                 | Stone, ground             | <u>47</u>                                       |
| 44        | Stone Circle         | 45                 | Trade Good (non-Native)   | <u>47</u> Historic                              |
| 48        | Trail (not recent)   | 49                 | Wood (worked)             | <u>50</u> Period Unknown                        |
| 51        | Miscellaneous        | 52                 | Other                     |                                                 |
| 53        | Isolated Find        | CM Density         | Basis for Dating          |                                                 |
|           |                      | <u>54</u> <u>1</u> | <u>55</u> <u>3</u>        |                                                 |

III. ENVIRONMENT

|                     |                     |                     |                     |                 |
|---------------------|---------------------|---------------------|---------------------|-----------------|
| Landform 1          | Landform 2          | Slope/Exposure      | View, degree        | View, distance  |
| <u>1</u>            | <u>7</u>            | <u>2</u>            | <u>1</u>            | <u>3</u>        |
| <u>56</u>           | <u>57</u> <u>58</u> | <u>59</u> <u>60</u> | <u>61</u>           | <u>62</u>       |
| Elevation           | Drainage System     |                     |                     | Dist Perm Water |
| <u>32</u> m.        | <u>1</u>            |                     |                     | <u>2500</u> m.  |
| <u>63</u> <u>67</u> | <u>1</u>            | <u>21</u>           | <u>22</u>           | <u>26</u>       |
| Perm Water Type     | Dist Seas Water     | Seas Water Type     | Ecosystem           |                 |
| <u>27</u>           | <u>28</u> <u>32</u> | <u>33</u>           | <u>34</u> <u>37</u> |                 |

IV. C.R.M.

|                        |                           |            |           |            |
|------------------------|---------------------------|------------|-----------|------------|
| Ownership              | Site Condition            | Collection | Test      | Excavation |
| <u>38</u>              | <u>39</u>                 | <u>40</u>  | <u>41</u> | <u>42</u>  |
| Fieldwork Date         | Management Recommendation |            |           |            |
| <u>43</u> <u>48</u>    | <u>49</u>                 |            |           |            |
| Additional Information |                           |            |           |            |
| <u>1</u> <u>40</u>     |                           |            |           |            |

OFFICE USE ONLY

|                     |                     |            |           |               |           |
|---------------------|---------------------|------------|-----------|---------------|-----------|
| Soil Association    | Ecozone             | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register      | National Register   | E C F      | T F       | MS Number     |           |
| <u>50</u>           | <u>51</u>           | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder                      Date Coded

## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-37Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2½ miles southeast of Walhalla. Take county road 9 east of Walhalla ½ mile to the Johnson Farms silos and barns, turn south onto a gravel road. Go south and east on this road for 2½ miles, the site is north of the road at a sharp turn in the road.
2. Description of Site The site is in a cultivated field adjacent to a gravel road. The site is a historic farmstead. No discernible features or buildings. A large quantity of historic ceramics, glass, metal, bricks, etc. occurs on the surface of the ground. The site, based upon a car license, dates to 1936. Since the site is farmed now, it is likely the farm was deserted in the 1930's.
3. Description of Cultural Materials A large quantity of historic ceramics, glass, metal, etc. were recovered. A car license dating 1936 was recovered. Many of the bottle fragments indicate early dates of the late 19th century.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Albert and Lyle Johnson
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 5
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This historic site should be checked in the county records. This site deserves further investigation.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/18/81

Field Code USD-37

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographic  
section.




B.W. ☒ Color ☐

Photo I.D. Code  
USD-37 Pembina

Storage Location USDAL

SKETCH MAP

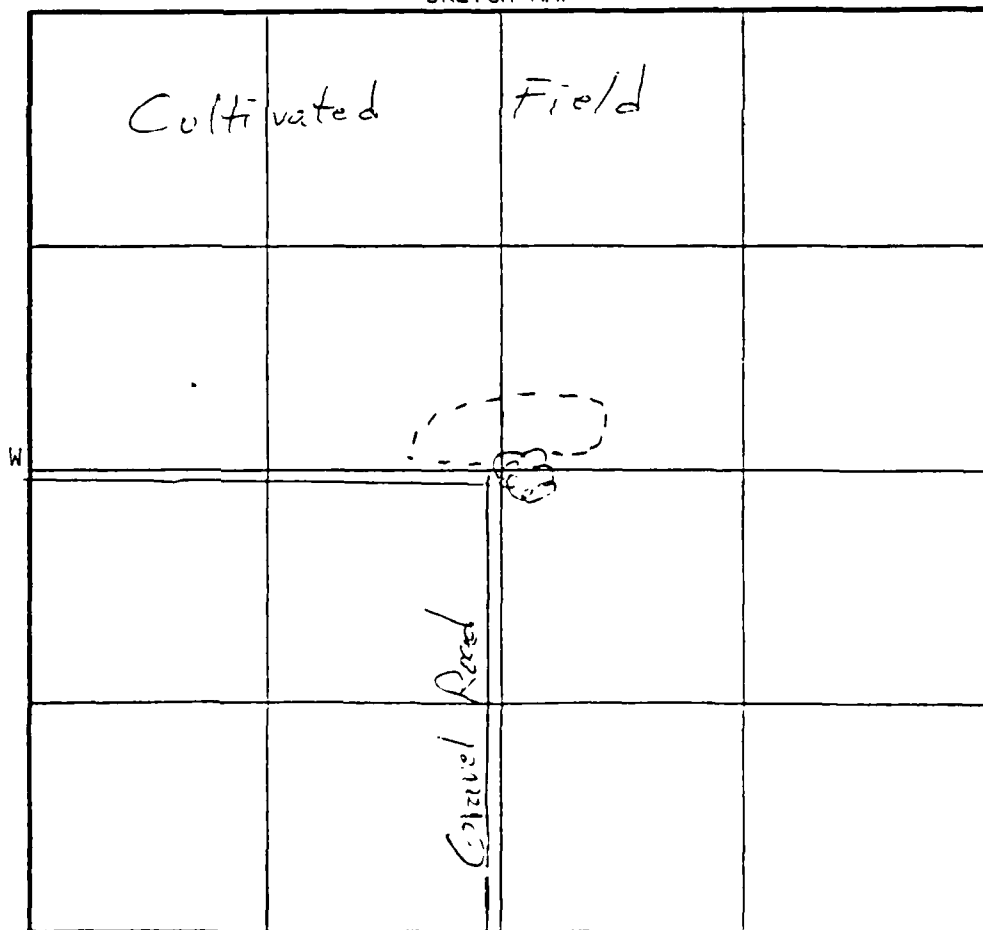
Map Key:

 trees

--- site area

Map Scale:

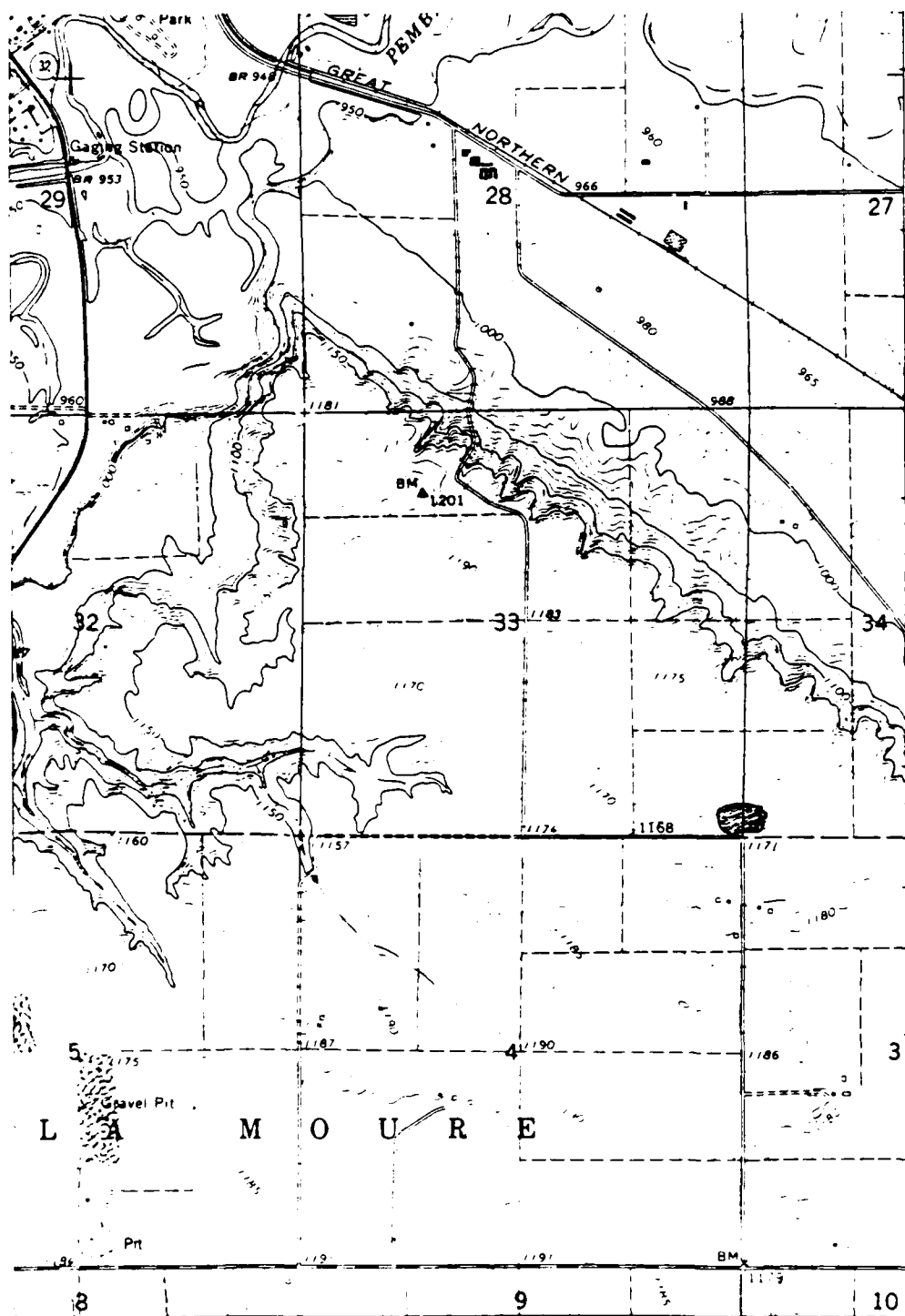
1 200 ft



Recorded by Kenneth and Marie Brown

Date 8/18/81





NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|              |          |            |           |           |             |
|--------------|----------|------------|-----------|-----------|-------------|
| Field Code   | SITS #   |            | State     | County    | Site Number |
| <u>10-30</u> | <u>3</u> | <u>2</u>   | <u>11</u> | <u>13</u> | <u>15</u>   |
| Site Name    | LTL      | Twp        | R         | Sec       | QQQ         |
| <u>19</u>    | <u>0</u> | <u>163</u> | <u>56</u> | <u>34</u> | <u>4</u>    |
| Map Quad     | LTL      | Twp        | R         | Sec       | QQQ         |
| <u>10-30</u> | <u>0</u> | <u>163</u> | <u>56</u> | <u>33</u> | <u>6</u>    |

II. SITE DESCRIPTION

|           |                      |                   |                           |                                                |
|-----------|----------------------|-------------------|---------------------------|------------------------------------------------|
| SITE TYPE |                      | CULTURAL MATERIAL |                           | Site Area                                      |
| 1         | Conical Timber Lodge | 2                 | Bone (worked)             | <u>5</u> <u>31250</u> <u>12</u> m <sup>2</sup> |
| 3         | CM Scatter           | 4                 | Ceramics (Native)         | Cultural Depth                                 |
| 13        | Earthlodge Village   | 14                | Charcoal                  | <u>19</u> <u>21</u>                            |
| 15        | Earthworks           | 16                | Copper (Native)           | Depth Indicator                                |
| 17        | Fortification        | 18                | Faunal Remains (skeletal) | <u>28</u> <u>2</u>                             |
| 22        | Grave                | 23                | Fire Cracked Rock         | CULTURAL/TEMPORAL AFFILIATION                  |
| 24        | Hearth               | 25                | Floral Remains            | 37 <u>—</u> Paleo                              |
| 26        | Jump                 | 27                | Fossil                    | 40 <u>—</u> Archaic                            |
| 29        | Mound                | 30                | Hide, Hair, Fur           | 43 <u>—</u> Late Prehistoric                   |
| 31        | Other Rock Features  | 32                | Human Remains             | 46 <u>70</u> 47 Historic                       |
| 33        | Pit                  | 34                | Projectile Point          | 50 <u>7</u> Period Unknown                     |
| 35        | Quarry/Mine          | 36                | Shell (worked)            |                                                |
| 38        | Rock Art             | 39                | Stone, chipped            |                                                |
| 41        | Rock Shelter         | 42                | Stone, ground             |                                                |
| 44        | Stone Circle         | 45                | Trade Good (non-Native)   |                                                |
| 48        | Trail (not recent)   | 49                | Wood (worked)             |                                                |
| 51        | Miscellaneous        | 52                | Other                     |                                                |

III. ENVIRONMENT

|                 |                 |                 |                  |
|-----------------|-----------------|-----------------|------------------|
| 53              | Isolated Find   | CM Density      | Basis for Dating |
| <u>54</u>       | <u>1</u>        | <u>55</u>       | <u>3</u>         |
| Landform 1      | Landform 2      | Slope/Exposure  | View, degree     |
| <u>56</u>       | <u>10</u>       | <u>59</u>       | <u>4</u>         |
| Elevation       | Drainage System | View, distance  | Dist Perm Water  |
| <u>63</u>       | <u>1</u>        | <u>61</u>       | <u>2</u>         |
| Perm Water Type | Dist Seas Water | Seas Water Type | Ecosystem        |
| <u>27</u>       | <u>28</u>       | <u>32</u>       | <u>34</u>        |

IV. C.R.M.

|                                  |                           |            |           |            |
|----------------------------------|---------------------------|------------|-----------|------------|
| Ownership                        | Site Condition            | Collection | Test      | Excavation |
| <u>38</u>                        | <u>39</u>                 | <u>40</u>  | <u>41</u> | <u>42</u>  |
| Fieldwork Date                   | Management Recommendation |            |           |            |
| <u>43</u>                        | <u>48</u>                 | <u>49</u>  |           |            |
| Additional Information           |                           |            |           |            |
| <u>10-30 6000 6000 6000 6000</u> |                           |            |           |            |

OFFICE USE ONLY

|                  |                   |            |           |               |           |
|------------------|-------------------|------------|-----------|---------------|-----------|
| Soil Association | Ecozone           | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41</u>        | <u>43</u>         | <u>44</u>  | <u>45</u> | <u>46</u>     | <u>47</u> |
| State Register   | National Register | E C F      | T F       | MS Number     | <u>49</u> |
| <u>50</u>        | <u>51</u>         | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder 10-30 6000 6000 6000 6000 Date Coded 10-30 6000 6000 6000 6000

1. Access Access to the site is 2½ miles southeast of Walhalla. Take county road 9 east of Walhalla ½ mile to the Johnson Farms silos and barns, turn south onto a gravel road. Go south and east on this road for 2½ miles, the site is north of the road near the bluff edge, 1/3 mile north of road.
2. Description of Site The site is in a cultivated field near the edge of a high bluff. The site is on the highest portion of the bluff, a slight knoll. A scatter of bone fragments, chipped stone, and some historic ceramics and glass were recovered. No cultural features were observed.
3. Description of Cultural Materials Numerous chipped stone flakes, chunks, and some scrapers were recovered. None are culturally diagnostic. Some historic ceramics and glass was recovered. This historic material is probably from the nearby historic farmstead, 1/3 mile south.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Albert and Lyle Johnson
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 5
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance Jay Wessels, a local collector, has a large quantity of late prehistoric artifacts from this site, and we believe this site should have further investigations. There are probably buried deposits.
17. Comments/References \_\_\_\_\_

Field Code USD-38

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.




B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-38 Pembina

Storage Location \_\_\_\_\_  
USDAL

SKETCH MAP


Map Key:

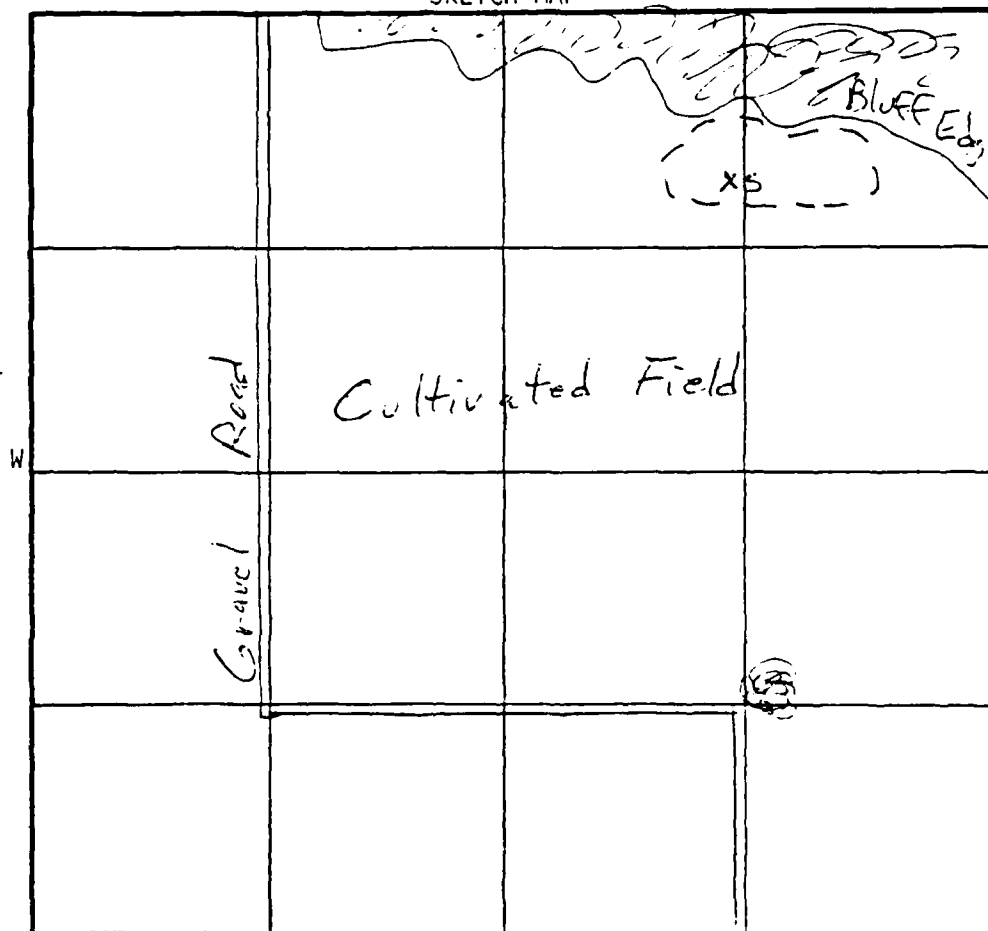
 Timber

X S = scraper

--- site area

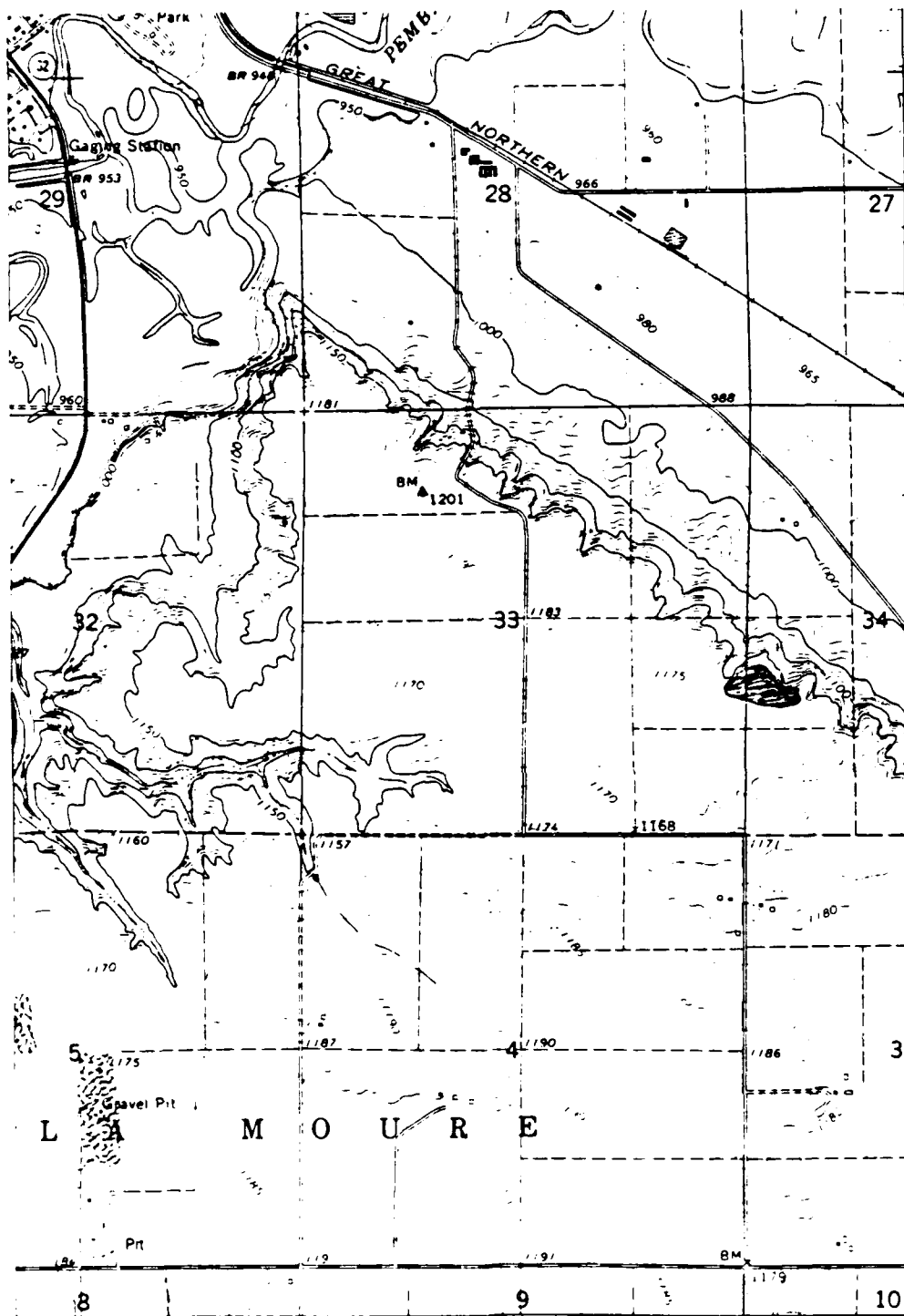
Map Scale:

 500 ft



Recorded by Kenneth and Marie Brown

Date 8/18/81



Page 1

1  
2  
3  
4  
5  
6  
7  
8  
9

## Page 1

Page 1

Field Code

USL-39

SITS #

32 PS

State

County

Site Number

11

13

15

18

Site Name

19

38

Map Quad

51

68

LTL

Typ

R

Sec

QQQ

QQ

Q

0

163

5633

2

3

5

39

40

47

48

49

50

LTL

Typ

R

Sec

QQQ

QQ

Q

0

163

5633

2

3

5

69

70

77

78

79

80

SITE TYPE

1

Conical Timber Lodge

2

CM Scatter

13

Earthlodge Village

15

Earthworks

17

Fortification

22

Grave

24

Hearth

26

Jump

29

Mound

31

Other Rock Features

33

Pit

35

Quarry/Mine

38

Rock Art

41

Rock Shelter

44

Stone Circle

48

Trail (not recent)

51

Miscellaneous

CULTURAL MATERIAL

2

Bone (worked)

4

Ceramics (Native)

14

Charcoal

16

Copper (Native)

18

Faunal Remains (skeletal)

23

Fire Cracked Rock

25

Floral Remains

27

Fossil

30

Hide, Hair, Fur

32

Human Remains

34

Projectile Point

36

Shell (worked)

39

Stone, chipped

42

Stone, ground

45

Trade Good (non-Native)

49

Wood (worked)

52

Other

Site Area

5

12 m<sup>2</sup>

Cultural Depth

19

21

Depth Indicator

28

CULTURAL/TEMPORAL AFFILIATION

37

Paleo

40

Archaic

43

Late Prehistoric

46

47

Historic

50

Period Unknown

CM Density

53

Isolated Find

54

Basis for Dating

55

Landform 1

Landform 2

Slope/Exposure

View, degree

View, distance

56

57

58

59

60

61

62

Elevation

Drainage System

Dist Perm Water

63

67

1

21

22

26

Perm Water Type

Dist Seas Water

Seas Water Type

Ecosystem

27

28

32

33

34

37

Ownership

Site Condition

Collection

Test

Excavation

38

39

40

41

42

Fieldwork Date

Management Recommendation

43

48

49

Additional Information

1

40

OFFICE USE ONLY

Soil Association

Ecozone

Area Signf

CR Type

Verified Site

Non-Site

41

43

44

45

46

47

48

49

State Register

National Register

E C F

T F

MS Number

50

51

52

53

54

61

Coder

Date Coded

I. SITE I.D.

II. SITE DESCRIPTION

III. ENVIRONMENT

IV. C.R.M.

OFFICE USE ONLY

1. N<sub>1</sub>

2. N<sub>2</sub>

3. S<sub>1</sub>

4. N<sub>1</sub>

5. N<sub>1</sub>

6. S<sub>1</sub>

7. S<sub>1</sub>

8. N<sub>1</sub>

9. C

NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|              |                  |                  |                |                  |                  |                 |                |             |
|--------------|------------------|------------------|----------------|------------------|------------------|-----------------|----------------|-------------|
| Field Code   | State            |                  | County         |                  | SITS #           |                 |                | Site Number |
| <u>10-20</u> | <u>3</u>         | <u>2</u>         | <u>P</u>       | <u>E</u>         | <u>11</u>        | <u>13</u>       | <u>15</u>      | <u>18</u>   |
| Site Name    | LTL              | Twp              | R              | Sec              | QQQ              | QQ              | Q              |             |
| <u>19</u>    | <u>0</u>         | <u>16E</u>       | <u>56</u>      | <u>29</u>        | <u>6</u>         | <u>6</u>        | <u>6</u>       |             |
| Map Quad     | LTL <sub>a</sub> | Twp <sub>a</sub> | R <sub>a</sub> | Sec <sub>a</sub> | QQQ <sub>a</sub> | QQ <sub>a</sub> | Q <sub>a</sub> |             |
| <u>51</u>    | <u>69</u>        | <u>70</u>        | <u>77</u>      | <u>78</u>        | <u>79</u>        | <u>80</u>       |                |             |

II. SITE DESCRIPTION

|                                                 |                                                 |                                                       |                                               |                                              |
|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|-----------------------------------------------|----------------------------------------------|
| SITE TYPE                                       |                                                 | CULTURAL MATERIAL                                     |                                               | Site Area                                    |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> CM Scatter           | 3 <input type="checkbox"/> Bone (worked)              | 4 <input type="checkbox"/> Ceramics (Native)  | 5 <u>12</u> m <sup>2</sup>                   |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Earthworks          | 15 <input type="checkbox"/> Charcoal                  | 16 <input type="checkbox"/> Copper (Native)   | Cultural Depth                               |
| 17 <input type="checkbox"/> Fortification       | 18 <input type="checkbox"/> Grave               | 19 <input type="checkbox"/> Faunal Remains (skeletal) | 20 <input type="checkbox"/> Fire Cracked Rock | 21 <u>21</u>                                 |
| 22 <input type="checkbox"/> Hearth              | 23 <input type="checkbox"/> Jump                | 24 <input type="checkbox"/> Floral Remains            | 25 <input type="checkbox"/> Fossil            | Depth Indicator                              |
| 26 <input type="checkbox"/> Mound               | 27 <input type="checkbox"/> Other Rock Features | 28 <input type="checkbox"/> Hide, Hair, Fur           | 29 <input type="checkbox"/> Human Remains     |                                              |
| 31 <input type="checkbox"/> Pit                 | 32 <input type="checkbox"/> Quarry/Mine         | 33 <input type="checkbox"/> Projectile Point          | 34 <input type="checkbox"/> Shell (worked)    | CULTURAL/TEMPORAL AFFILIATION                |
| 35 <input type="checkbox"/> Rock Art            | 36 <input type="checkbox"/> Rock Shelter        | 37 <input type="checkbox"/> Stone, chipped            | 38 <input type="checkbox"/> Stone, ground     | 39 <input type="checkbox"/> Paleo            |
| 41 <input type="checkbox"/> Stone Circle        | 42 <input type="checkbox"/> Trail (not recent)  | 43 <input type="checkbox"/> Trade Good (non-Native)   | 44 <input type="checkbox"/> Wood (worked)     | 40 <input type="checkbox"/> Archaic          |
| 48 <input type="checkbox"/> Miscellaneous       | 49 <input type="checkbox"/> Isolated Find       | 50 <input type="checkbox"/> Other                     | 51 <input type="checkbox"/> CM Density        | 41 <input type="checkbox"/> Late Prehistoric |
|                                                 |                                                 |                                                       |                                               | 42 <input type="checkbox"/> 47 Historic      |
|                                                 |                                                 |                                                       |                                               | 43 <input type="checkbox"/> Period Unknown   |
|                                                 |                                                 |                                                       |                                               | 44 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 45 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 46 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 47 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 48 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 49 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 50 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 51 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 52 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 53 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 54 <input type="checkbox"/>                  |
|                                                 |                                                 |                                                       |                                               | 55 <input type="checkbox"/>                  |

III. ENVIRONMENT

|                        |                     |                     |              |                 |
|------------------------|---------------------|---------------------|--------------|-----------------|
| Landform 1             | Landform 2          | Slope/Exposure      | View, degree | View, distance  |
| <u>56</u>              | <u>57</u> <u>58</u> | <u>59</u> <u>60</u> | <u>61</u>    | <u>62</u>       |
| Elevation              | Drainage System     |                     |              | Dist Perm Water |
| <u>63</u> <u>67</u> m. | <u>1</u>            | <u>21</u>           | <u>22</u>    | <u>26</u> m.    |
| Perm Water Type        | Dist Seas Water     | Seas Water Type     |              | Ecosystem       |
| <u>27</u>              | <u>28</u> <u>32</u> | <u>33</u>           | <u>34</u>    | <u>37</u>       |

IV. C.R.M.

|                        |                |                           |           |            |
|------------------------|----------------|---------------------------|-----------|------------|
| Ownership              | Site Condition | Collection                | Test      | Excavation |
| <u>38</u>              | <u>39</u>      | <u>40</u>                 | <u>41</u> | <u>42</u>  |
| Fieldwork Date         |                | Management Recommendation |           |            |
| <u>43</u> <u>48</u>    |                | <u>49</u>                 |           |            |
| Additional Information |                |                           |           |            |
| <u>1</u>               |                |                           |           |            |

OFFICE USE ONLY

|                     |                     |            |                     |                     |          |
|---------------------|---------------------|------------|---------------------|---------------------|----------|
| Soil Association    | Ecozone             | Area Signf | CR Type             | Verified Site       | Non-Site |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u> <u>48</u> | <u>49</u>           |          |
| State Register      | National Register   | E C F      | T F                 | MS Number           |          |
| <u>50</u>           | <u>51</u>           | <u>52</u>  | <u>53</u>           | <u>54</u> <u>61</u> |          |

Coder 10/1/81

Date Coded 10/1/81



1. Access Access to the site is south of Walhalla. Take county highway 9 1/2 mile east of Walhalla to the Johnson Farms silos and barns. Turn onto a gravel road to the south, go south for about 1 mile, turn west onto a field, dirt trail, follow the trail to the top of a bluff, go north to the bluff edge.
2. Description of Site The site is in a cultivated field, on a high bluff overlooking the Pembina River Valley to the north and west. A large quantity of chipped stone, bone, and projectile point were recovered from the surface of the ground. The site has an excellent view of the valley.
3. Description of Cultural Materials A large quantity of bone, cow/bison size, chipped stone tools were recovered. One small, corner-notched arrow point of chert was recovered. The site appears to have been a large habitation site.
4. Artifact Repository University of South Dakota ARchaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Albert Johnson, Ellen Metelmann, Robert Tetrault
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 8
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title  Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity
16. Statement of Significance The huge quantity of bone and chipped stone artifacts recovered from this site by us and by Jay Wessels, a local collector, indicates this is a major prehistoric site in the county. This site requires further investigation.
17. Comments/References

Recorded by Kenneth and Marie Brown

Date 8/18/81

Field Code USD-39

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



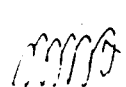
B.W.XX ☒ Color ☐


Photo I.D. Code \_\_\_\_\_  
USD-39 Pembina

Storage Location \_\_\_\_\_  
USDAL

SKETCH MAP

Map Key:

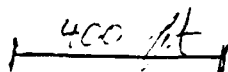
 shelter belt

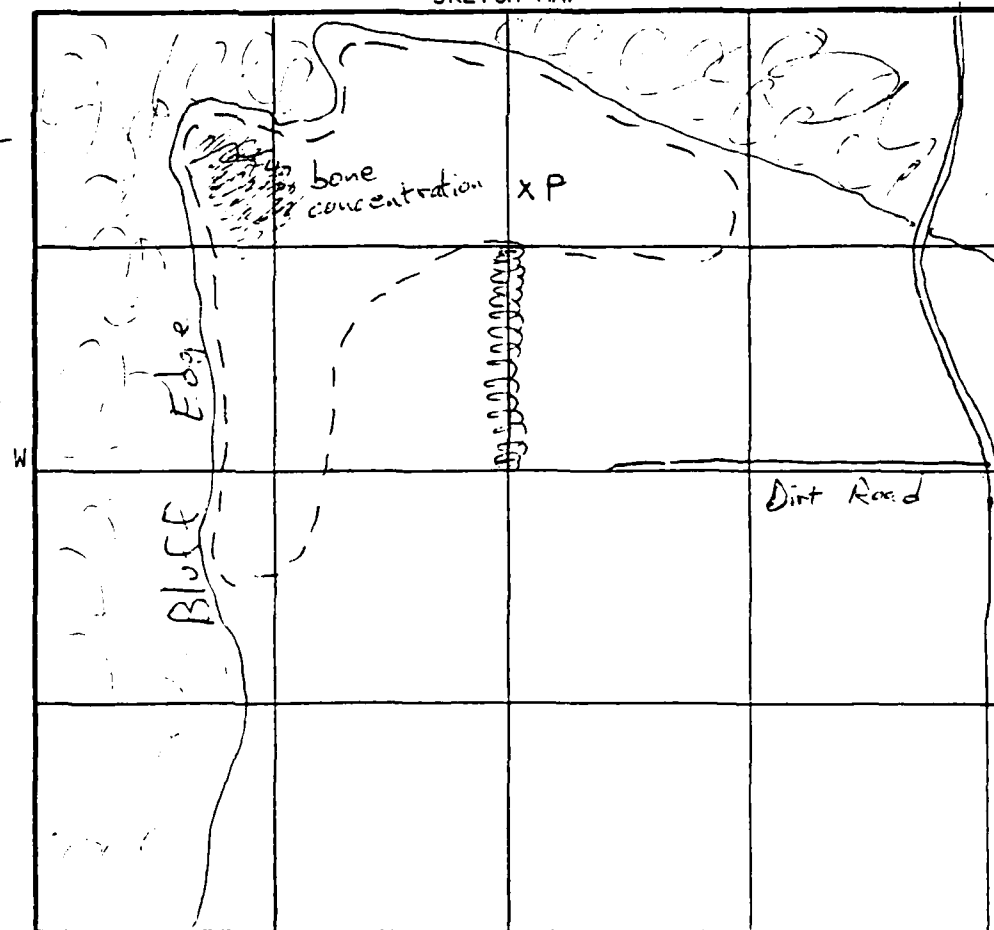
 timber

--- site area

X P = projectile  
point

Map Scale:

 400 ft



Recorded by Kenneth and Marie Brown

Date 8/18/81



# NDORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE NO.

Field Code  
152-40

Site Name  
LEPOY

Map Quad  
LEPOY

SITS #

State 32 County PD Site Number 25

LTL Twp R Sec QQQ QQ Q  
0 163 5615 4 8 5

LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
0 163 5615 8 7 5

II. SITE DESCRIPTION

|                                           |                                                          |                   |                                                               |                                  |
|-------------------------------------------|----------------------------------------------------------|-------------------|---------------------------------------------------------------|----------------------------------|
| SITE TYPE                                 |                                                          | CULTURAL MATERIAL |                                                               | Site Area                        |
| 1                                         | <input checked="" type="checkbox"/> Conical Timber Lodge | 2                 | <input type="checkbox"/> Bone (worked)                        | 5 <u>78750</u> 12 m <sup>2</sup> |
| 3                                         | <input checked="" type="checkbox"/> CM Scatter           | 4                 | <input type="checkbox"/> Ceramics (Native)                    |                                  |
| 13                                        | <input type="checkbox"/> Earthlodge Village              | 14                | <input type="checkbox"/> Charcoal                             |                                  |
| 15                                        | <input type="checkbox"/> Earthworks                      | 16                | <input type="checkbox"/> Copper (Native)                      | Cultural Depth                   |
| 17                                        | <input type="checkbox"/> Fortification                   | 18                | <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <u>21</u>                     |
| 22                                        | <input type="checkbox"/> Grave                           | 23                | <input type="checkbox"/> Fire Cracked Rock                    |                                  |
| 24                                        | <input type="checkbox"/> Hearth                          | 25                | <input type="checkbox"/> Floral Remains                       | Depth Indicator                  |
| 26                                        | <input type="checkbox"/> Jump                            | 27                | <input type="checkbox"/> Fossil                               | 28 <u>0</u>                      |
| 29                                        | <input type="checkbox"/> Mound                           | 30                | <input type="checkbox"/> Hide, Hair, Fur                      |                                  |
| 31                                        | <input type="checkbox"/> Other Rock Features             | 32                | <input type="checkbox"/> Human Remains                        | CULTURAL/TEMPORAL AFFILIATION    |
| 33                                        | <input type="checkbox"/> Pit                             | 34                | <input type="checkbox"/> Projectile Point                     | 37 <u>3</u> Paleo                |
| 35                                        | <input type="checkbox"/> Quarry/Mine                     | 36                | <input type="checkbox"/> Shell (worked)                       | 40 <u>1</u> Archaic              |
| 38                                        | <input type="checkbox"/> Rock Art                        | 39                | <input type="checkbox"/> Stone, chipped                       | 43 <u>1</u> Late Prehistoric     |
| 41                                        | <input type="checkbox"/> Rock Shelter                    | 42                | <input type="checkbox"/> Stone, ground                        | 46 <u>10</u> 47 Historic         |
| 44                                        | <input type="checkbox"/> Stone Circle                    | 45                | <input type="checkbox"/> Trade Good (non-Native)              | 50 <u>1</u> Period Unknown       |
| 48                                        | <input type="checkbox"/> Trail (not recent)              | 49                | <input type="checkbox"/> Wood (worked)                        |                                  |
| 51                                        | <input type="checkbox"/> Miscellaneous                   | 52                | <input checked="" type="checkbox"/> Other                     |                                  |
| 53 <input type="checkbox"/> Isolated Find |                                                          | CM Density        | Basis for Dating                                              |                                  |
|                                           |                                                          | 54 <u>1</u>       | 55 <u>3</u>                                                   |                                  |

III. ENVIRONMENT

|                 |                     |                 |              |                |
|-----------------|---------------------|-----------------|--------------|----------------|
| Landform 1      | Landform 2          | Slope/Exposure  | View, degree | View, distance |
| <u>1</u>        | <u>2</u>            | <u>3</u>        | <u>2</u>     | <u>3</u>       |
| 56              | 57 58               | 59 60           | 61           | 62             |
| Elevation       | Drainage System     | Dist Perm Water |              |                |
| <u>202</u> m.   | <u>FEEDER RIVER</u> | <u>400</u> m.   |              |                |
| 63              | 67                  | 1               | 21           | 22             |
| Perm Water Type | Dist Seas Water     | Seas Water Type | Ecosystem    |                |
| 27              | 28 32               | 33              | 34 37        |                |

IV. C.R.M.

|                                      |                           |            |          |            |
|--------------------------------------|---------------------------|------------|----------|------------|
| Ownership                            | Site Condition            | Collection | Test     | Excavation |
| <u>1</u>                             | <u>0</u>                  | <u>3</u>   | <u>0</u> | <u>1</u>   |
| 38                                   | 39                        | 40         | 41       | 42         |
| Fieldwork Date                       | Management Recommendation |            |          |            |
| <u>1993</u>                          | <u>2</u>                  |            |          |            |
| 43                                   | 48                        | 49         |          |            |
| Additional Information               |                           |            |          |            |
| <u>ARCHAEOLOGICAL REMAINS, GLASS</u> |                           |            |          |            |
| 1 40                                 |                           |            |          |            |

OFFICE USE ONLY

|                  |                   |            |         |               |          |
|------------------|-------------------|------------|---------|---------------|----------|
| Soil Association | Ecozone           | Area Signf | CR Type | Verified Site | Non-Site |
| 41 43            | 44 45             | 46         | 47      | 48            | 49       |
| State Register   | National Register | E C F      | T F     | MS Number     |          |
| 50               | 51                | 52         | 53      | 54            | 61       |

Coder 152-40

Date Coded 1-1-97

# NDORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
LSL-40

1 \_\_\_\_\_ 10

Site Name

19 \_\_\_\_\_ 38

Map Quad

LECKY

51 \_\_\_\_\_ 68

SITS #

State County Site Number

3 2 PS

11 13 15 18

LTL Twp R Sec QQQ QQ Q  
0 163 5615 5 6 2

39 40 47 48 49 50

LTL<sup>a</sup> Twp R Sec QQQ<sup>a</sup> QQ Q  
0 163 5615 2 5 2

69 70 77 78 79 80

1. NW<sub>1</sub>
2. E<sub>1</sub>
3. SW<sub>1</sub>
4. NW<sub>2</sub>
5. NE<sub>2</sub>
6. SW<sub>2</sub>
7. SE<sub>2</sub>
8. NW<sub>3</sub>
9. C

II. SITE DESCRIPTION

|                                           |                                               |                   |                                                    |                                              |
|-------------------------------------------|-----------------------------------------------|-------------------|----------------------------------------------------|----------------------------------------------|
| SITE TYPE                                 |                                               | CULTURAL MATERIAL |                                                    | Site Area                                    |
| 1                                         | <input type="checkbox"/> Conical Timber Lodge | 2                 | <input type="checkbox"/> Bone (worked)             | 5 _____ 12 m <sup>2</sup>                    |
| 3                                         | <input type="checkbox"/> CM Scatter           | 4                 | <input type="checkbox"/> Ceramics (Native)         |                                              |
| 13                                        | <input type="checkbox"/> Earthlodge Village   | 14                | <input type="checkbox"/> Charcoal                  |                                              |
| 15                                        | <input type="checkbox"/> Earthworks           | 16                | <input type="checkbox"/> Copper (Native)           | Cultural Depth                               |
| 17                                        | <input type="checkbox"/> Fortification        | 18                | <input type="checkbox"/> Faunal Remains (skeletal) | 19 _____ 21                                  |
| 22                                        | <input type="checkbox"/> Grave                | 23                | <input type="checkbox"/> Fire Cracked Rock         | Depth Indicator                              |
| 24                                        | <input type="checkbox"/> Hearth               | 25                | <input type="checkbox"/> Floral Remains            |                                              |
| 26                                        | <input type="checkbox"/> Jump                 | 27                | <input type="checkbox"/> Fossil                    | 28 _____                                     |
| 29                                        | <input type="checkbox"/> Mound                | 30                | <input type="checkbox"/> Hide, Hair, Fur           |                                              |
| 31                                        | <input type="checkbox"/> Other Rock Features  | 32                | <input type="checkbox"/> Human Remains             | CULTURAL/TEMPORAL                            |
| 33                                        | <input type="checkbox"/> Pit                  | 34                | <input type="checkbox"/> Projectile Point          | AFFILIATION                                  |
| 35                                        | <input type="checkbox"/> Quarry/Mine          | 36                | <input type="checkbox"/> Shell (worked)            | 37 <input type="checkbox"/> Paleo            |
| 38                                        | <input type="checkbox"/> Rock Art             | 39                | <input type="checkbox"/> Stone, chipped            | 40 <input type="checkbox"/> Archaic          |
| 41                                        | <input type="checkbox"/> Rock Shelter         | 42                | <input type="checkbox"/> Stone, ground             | 43 <input type="checkbox"/> Late Prehistoric |
| 44                                        | <input type="checkbox"/> Stone Circle         | 45                | <input type="checkbox"/> Trade Good (non-Native)   | 46 <input type="checkbox"/> 47 Historic      |
| 48                                        | <input type="checkbox"/> Trail (not recent)   | 49                | <input type="checkbox"/> Wood (worked)             | 50 <input type="checkbox"/> Period Unknown   |
| 51                                        | <input type="checkbox"/> Miscellaneous        | 52                | <input type="checkbox"/> Other                     |                                              |
| 53 <input type="checkbox"/> Isolated Find |                                               | CM Density        | Basis for Dating                                   |                                              |
|                                           |                                               | 54 _____          | 55 _____                                           |                                              |

III. ENVIRONMENT

|                 |                 |                 |              |                 |
|-----------------|-----------------|-----------------|--------------|-----------------|
| Landform 1      | Landform 2      | Slope/Exposure  | View, degree | View, distance  |
| 56 _____        | 57 58 _____     | 59 60 _____     | 61 _____     | 62 _____        |
| Elevation       | Drainage System |                 |              | Dist Perm Water |
| 63 _____ m.     | 1 _____         |                 |              | 22 _____ m.     |
| Perm Water Type | Dist Seas Water | Seas Water Type |              | Ecosystem       |
| 27 _____        | 28 32 _____     | 33 _____        |              | 34 37 _____     |

IV. C.R.M.

|                        |                |                           |          |            |
|------------------------|----------------|---------------------------|----------|------------|
| Ownership              | Site Condition | Collection                | Test     | Excavation |
| 38 _____               | 39 _____       | 40 _____                  | 41 _____ | 42 _____   |
| Fieldwork Date         |                | Management Recommendation |          |            |
| 43 _____ 48 _____      |                | 49 _____                  |          |            |
| Additional Information |                |                           |          |            |

OFFICE USE ONLY

|                  |                   |            |          |               |          |
|------------------|-------------------|------------|----------|---------------|----------|
| Soil Association | Ecozone           | Area Signf | CR Type  | Verified Site | Non-Site |
| 41 43 _____      | 44 45 _____       | 46 _____   | 47 _____ | 48 _____      | 49 _____ |
| State Register   | National Register | E C F      | T F      | MS Number     |          |
| 50 _____         | 51 _____          | 52 _____   | 53 _____ | 54 _____      | 61 _____ |

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

Field Code USD-40

## NDCRS ARCHEOLOGY SITE FORM

Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 1 mile north on highway 32 of Walhalla, turn east onto a gravel road, first one north of the Walhalla airport, go east 1½ miles to the edge of a ridge, turn south onto a dirt field road at the end of a shelter belt. The site is on the ridge edge by the east end of the shelter belt.
2. Description of Site The site is in a cultivated field on a ridge overlooking the Pembina River Valley. A thin scatter of chipped stone debris and some tools, bone fragments were recovered from the surface of the site. Jay Wessels, a local collector, has a Clovis projectile point from this site.
3. Description of Cultural Materials Several bifaces and unifaces of chipped stone were recovered from the site. Several bone fragments were recovered. No diagnostic, culturally, artifacts were collected. Jay Wessels, a local collector has a Clovis projectile point from this site.  
~~Some historic ceramics, glass were recovered from around a silo.~~
4. Artifact Repository University of South Dakota ARchaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Jay Wessels
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans, cut wheat
10. Man-hours spent on site 5
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The recovery of a Clovis projectile point by Jay Wessels makes this an important site. There appears to be buried cultural deposits about 50 cm below the surface of the ground.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/18/81

Field Code USD-40NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographic  
section.

B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

USD-40 Pembina

Storage Location \_\_\_\_\_

USDAL

## SKETCH MAP

Map Key:

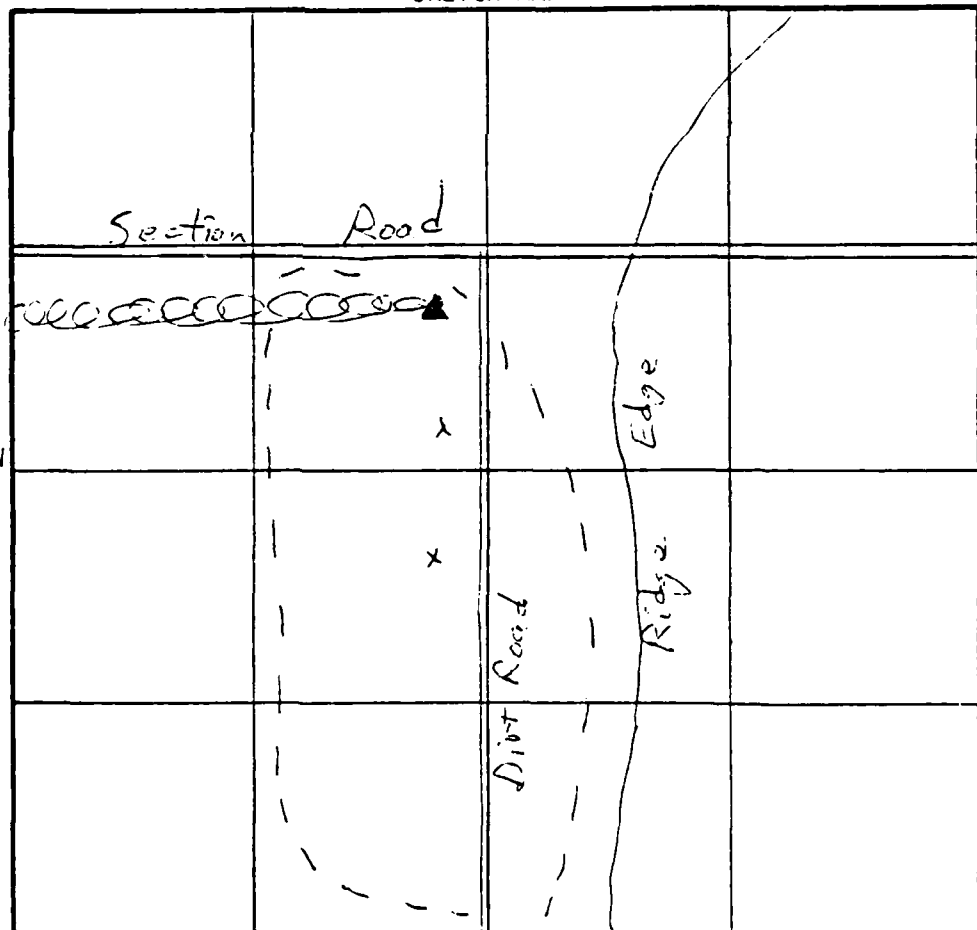
CCCCC  
shelter belt

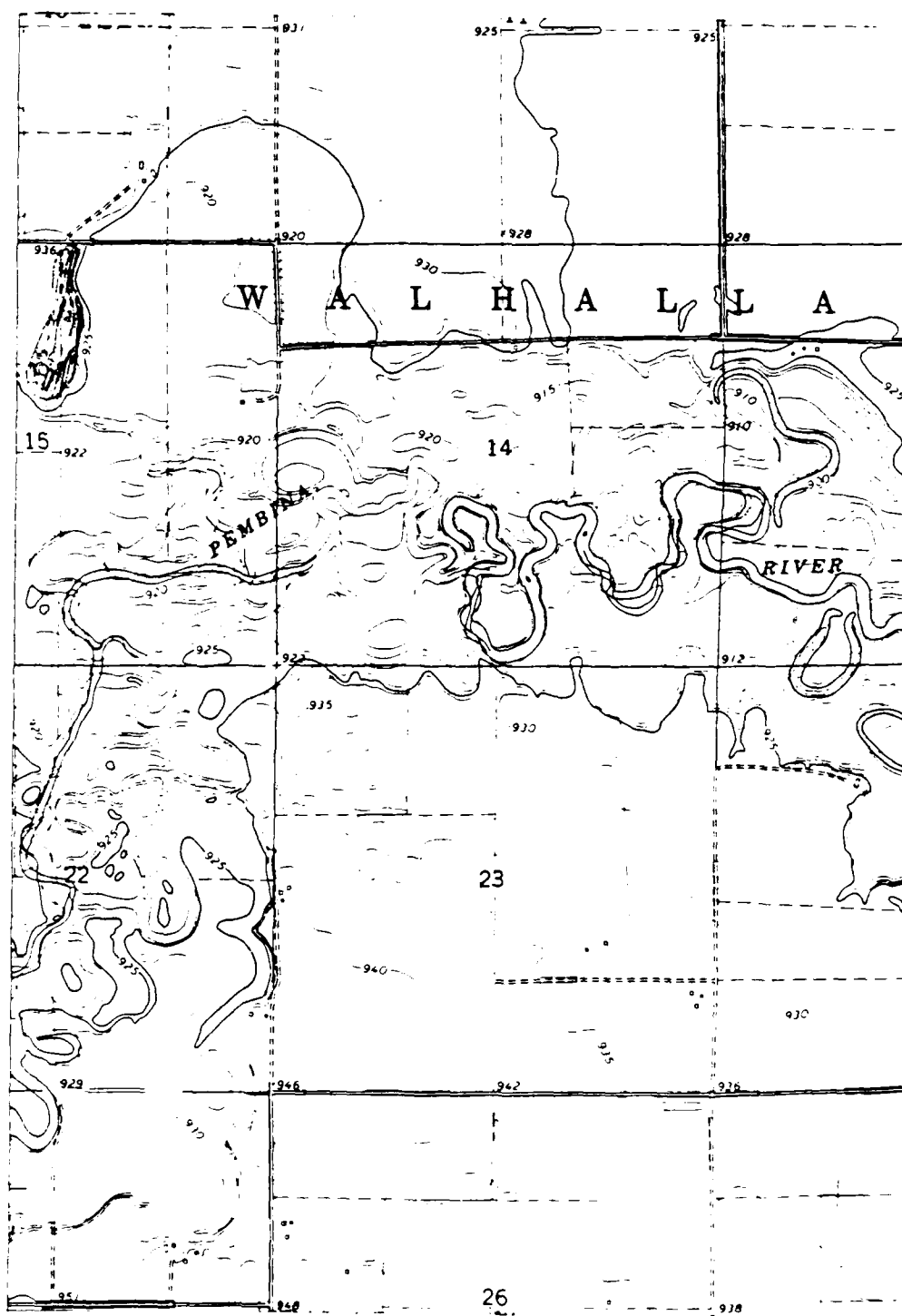
▲ plastic datum

X - bifaces

--- site Area

Map Scale:

100 ftRecorded by Kenneth and Marie BrownDate 8/18/81





# NOORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
151-41

SITS #

State 32 County PD Site Number 26

Site Name  
19 38

LT L TL Twp R Sec QQQ QQ Q  
0 163 56 14 3 5 8

Map Quad  
19 38

LT L TL Twp R Sec QQQa QQa Q  
0 163 56 14 3 5 8

II. SITE DESCRIPTION

| SITE TYPE                                       |                                                                  | CULTURAL MATERIAL                               |                                                      | Site Area                                    |
|-------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------|----------------------------------------------|
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)                         | 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)         | 5 <u>52500</u> 12 m <sup>2</sup>             |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                             | 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)          | Cultural Depth                               |
| 17 <input type="checkbox"/> Fortification       | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <input type="checkbox"/> Grave               | 20 <input type="checkbox"/> Fire Cracked Rock        | 21 <u>21</u>                                 |
| 22 <input type="checkbox"/> Hearth              | 23 <input type="checkbox"/> Floral Remains                       | 24 <input type="checkbox"/> Jump                | 25 <input type="checkbox"/> Fossil                   | 26 <u>0</u> Depth Indicator                  |
| 29 <input type="checkbox"/> Mound               | 30 <input type="checkbox"/> Hide, Hair, Fur                      | 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Human Remains            | CULTURAL/TEMPORAL AFFILIATION                |
| 33 <input type="checkbox"/> Pit                 | 34 <input type="checkbox"/> Projectile Point                     | 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Shell (worked)           | 37 <input type="checkbox"/> Paleo            |
| 38 <input type="checkbox"/> Rock Art            | 39 <input checked="" type="checkbox"/> Stone, chipped            | 40 <input type="checkbox"/> Rock Shelter        | 41 <input type="checkbox"/> Stone, ground            | 42 <input type="checkbox"/> Archaic          |
| 44 <input type="checkbox"/> Stone Circle        | 45 <input type="checkbox"/> Trade Good (non-Native)              | 46 <input type="checkbox"/> Trail (not recent)  | 47 <input checked="" type="checkbox"/> Wood (worked) | 48 <input type="checkbox"/> Late Prehistoric |
| 51 <input type="checkbox"/> Miscellaneous       | 52 <input checked="" type="checkbox"/> Other                     | 53 <input type="checkbox"/> Isolated Find       | 54 <input type="checkbox"/> CM Density               | 55 <u>3</u> Basis for Dating                 |

III. ENVIRONMENT

|                     |                     |                          |                       |                         |
|---------------------|---------------------|--------------------------|-----------------------|-------------------------|
| Landform 1 <u>1</u> | Landform 2 <u>1</u> | Slope/Exposure <u>10</u> | View, degree <u>5</u> | View, distance <u>3</u> |
| 56 <u>223</u> m.    | 57 <u>223</u> m.    | 58 <u>223</u> m.         | 59 <u>223</u> m.      | 60 <u>223</u> m.        |
| Elevation           | Drainage System     | Dist Perm Water          | Perm Water Type       | Dist Seas Water         |
| 63 <u>223</u> m.    | 64 <u>223</u> m.    | 65 <u>223</u> m.         | 66 <u>223</u> m.      | 67 <u>223</u> m.        |
| 68 <u>223</u> m.    | 69 <u>223</u> m.    | 70 <u>223</u> m.         | 71 <u>223</u> m.      | 72 <u>223</u> m.        |

IV. C.R.M.

|                               |                                    |                                 |               |                     |
|-------------------------------|------------------------------------|---------------------------------|---------------|---------------------|
| Ownership <u>2</u>            | Site Condition <u>0</u>            | Collection <u>3</u>             | Test <u>0</u> | Excavation <u>0</u> |
| 38 <u>2</u>                   | 39 <u>0</u>                        | 40 <u>3</u>                     | 41 <u>0</u>   | 42 <u>0</u>         |
| Fieldwork Date <u>3/10/01</u> | Management Recommendation <u>2</u> | Additional Information <u>2</u> |               |                     |
| 43 <u>3/10/01</u>             | 44 <u>2</u>                        | 45 <u>2</u>                     |               |                     |

OFFICE USE ONLY

|                  |                   |              |              |               |              |
|------------------|-------------------|--------------|--------------|---------------|--------------|
| Soil Association | Ecozone           | Area Signf   | CR Type      | Verified Site | Non-Site     |
| 41 <u>43</u>     | 44 <u>45</u>      | 46 <u>46</u> | 47 <u>47</u> | 48 <u>48</u>  | 49 <u>49</u> |
| State Register   | National Register | E C F        | T F          | MS Number     |              |
| 50 <u>50</u>     | 51 <u>51</u>      | 52 <u>52</u> | 53 <u>53</u> | 54 <u>54</u>  | 61 <u>61</u> |

Coder 151-41

Date Coded 3/10/01

# HOORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
130-41

Site Name  
\_\_\_\_\_

Map Quad  
LE-01

SITS #

State 32 County PE Site Number  
11 13 15 18

LTL Typ R Sec QQQ QQ Q  
0 163 5614 5 7 8  
39 40 47 48 49 50  
LTL<sub>a</sub> Typ<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
0 163 5614 6 8 8  
69 70 77 78 79 80

II. SITE DESCRIPTION

|                                                 |                                                       |                                              |                  |                           |
|-------------------------------------------------|-------------------------------------------------------|----------------------------------------------|------------------|---------------------------|
| SITE TYPE                                       |                                                       | CULTURAL MATERIAL                            |                  | Site Area                 |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)              |                                              |                  | 5 _____ 12 m <sup>2</sup> |
| 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)          |                                              |                  |                           |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                  |                                              |                  |                           |
| 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)           | Cultural Depth                               |                  |                           |
| 17 <input type="checkbox"/> Fortification       | 18 <input type="checkbox"/> Faunal Remains (skeletal) | 19 _____                                     | 21               |                           |
| 22 <input type="checkbox"/> Grave               | 23 <input type="checkbox"/> Fire Cracked Rock         | Depth Indicator                              |                  |                           |
| 24 <input type="checkbox"/> Hearth              | 25 <input type="checkbox"/> Floral Remains            |                                              |                  |                           |
| 26 <input type="checkbox"/> Jump                | 27 <input type="checkbox"/> Fossil                    | 28 _____                                     |                  |                           |
| 29 <input type="checkbox"/> Mound               | 30 <input type="checkbox"/> Hide, Hair, Fur           |                                              |                  |                           |
| 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Human Remains             | CULTURAL/TEMPORAL AFFILIATION                |                  |                           |
| 33 <input type="checkbox"/> Pit                 | 34 <input type="checkbox"/> Projectile Point          |                                              |                  |                           |
| 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Shell (worked)            | 37 <input type="checkbox"/> Paleo            |                  |                           |
| 38 <input type="checkbox"/> Rock Art            | 39 <input type="checkbox"/> Stone, chipped            | 40 <input type="checkbox"/> Archaic          |                  |                           |
| 41 <input type="checkbox"/> Rock Shelter        | 42 <input type="checkbox"/> Stone, ground             | 43 <input type="checkbox"/> Late Prehistoric |                  |                           |
| 44 <input type="checkbox"/> Stone Circle        | 45 <input type="checkbox"/> Trade Good (non-Native)   | 46 <input type="checkbox"/> 47 Historic      |                  |                           |
| 48 <input type="checkbox"/> Trail (not recent)  | 49 <input type="checkbox"/> Wood (worked)             | 50 <input type="checkbox"/> Period Unknown   |                  |                           |
| 51 <input type="checkbox"/> Miscellaneous       | 52 <input type="checkbox"/> Other                     |                                              |                  |                           |
| 53 <input type="checkbox"/> Isolated Find       |                                                       | CM Density                                   | Basis for Dating |                           |
|                                                 |                                                       | 54 _____                                     | 55 _____         |                           |

III. ENVIRONMENT

|                 |                   |                 |              |                |
|-----------------|-------------------|-----------------|--------------|----------------|
| Landform 1      | Landform 2        | Slope/Exposure  | View, degree | View, distance |
| 56 _____        | 57 58 _____       | 59 60 _____     | 61 _____     | 62 _____       |
| Elevation       | Drainage System   | Dist Perm Water |              |                |
| 63 _____ m.     | 1 _____           | 21 _____        | 22 _____     | 26 _____ m.    |
| Perm Water Type | Dist Seas Water   | Seas Water Type | Ecosystem    |                |
| 27 _____        | 28 _____ 32 _____ | 33 _____        | 34 _____     | 37 _____       |

IV. C.R.M.

|                        |                           |            |          |            |
|------------------------|---------------------------|------------|----------|------------|
| Ownership              | Site Condition            | Collection | Test     | Excavation |
| 38 _____               | 39 _____                  | 40 _____   | 41 _____ | 42 _____   |
| Fieldwork Date         | Management Recommendation |            |          |            |
| 43 _____ 48 _____      | 49 _____                  |            |          |            |
| Additional Information |                           |            |          |            |

OFFICE USE ONLY

|                  |                   |            |          |               |          |
|------------------|-------------------|------------|----------|---------------|----------|
| Soil Association | Ecozone           | Area Signf | CR Type  | Verified Site | Non-Site |
| 41 43 _____      | 44 45 _____       | 46 _____   | 47 _____ | 48 _____      | 49 _____ |
| State Register   | National Register | E C F      | T F      | MS Number     |          |
| 50 _____         | 51 _____          | 52 _____   | 53 _____ | 54 _____      | 61 _____ |

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

# NDCRS ARCHEOLOGY SITE FORM

Field Code USD-41

Descriptive Section

Site Number \_\_\_\_\_

Page 2

1. Access Access to the site is 1 mile north of Walhalla on highway 32, turn east (1 mile north of airport) onto a gravel road, go east and south on this gravel road for 2½ miles. The site is on the north and south sides of the road.
2. Description of Site The site is in a cultivated field on a ridge top overlooking the Pembina River Valley to the south. The portion of the site north of the road is bounded on the west by a shelter belt. The site is a thin scatter of chipped stone debris and bone fragments. No cultural features were discernible.
3. Description of Cultural Materials Several chipped stone artifacts, non culturally diagnostic, were recovered. Some bone fragments were also recovered. Some historic ceramics and glass were also found.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Emma Metelmann and Theodore Bjornstad
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans and cut wheat
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The quantity of artifacts collected from this site by Jay Wessels, a local collector, suggests its prehistoric importance.  
This site should have further investigations.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie Brown

Date 8/18/81

Field Code USD-41

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of 1  
7.5' U.S.G.S. topograph  
quadrangle that shows 1  
location of the site.

Mark the boundaries of  
site on the topograph  
section.




B.W. ☒ Color ☐

Photo I.D. Code  
USD-41 Pembina

Storage Location  
USDAL

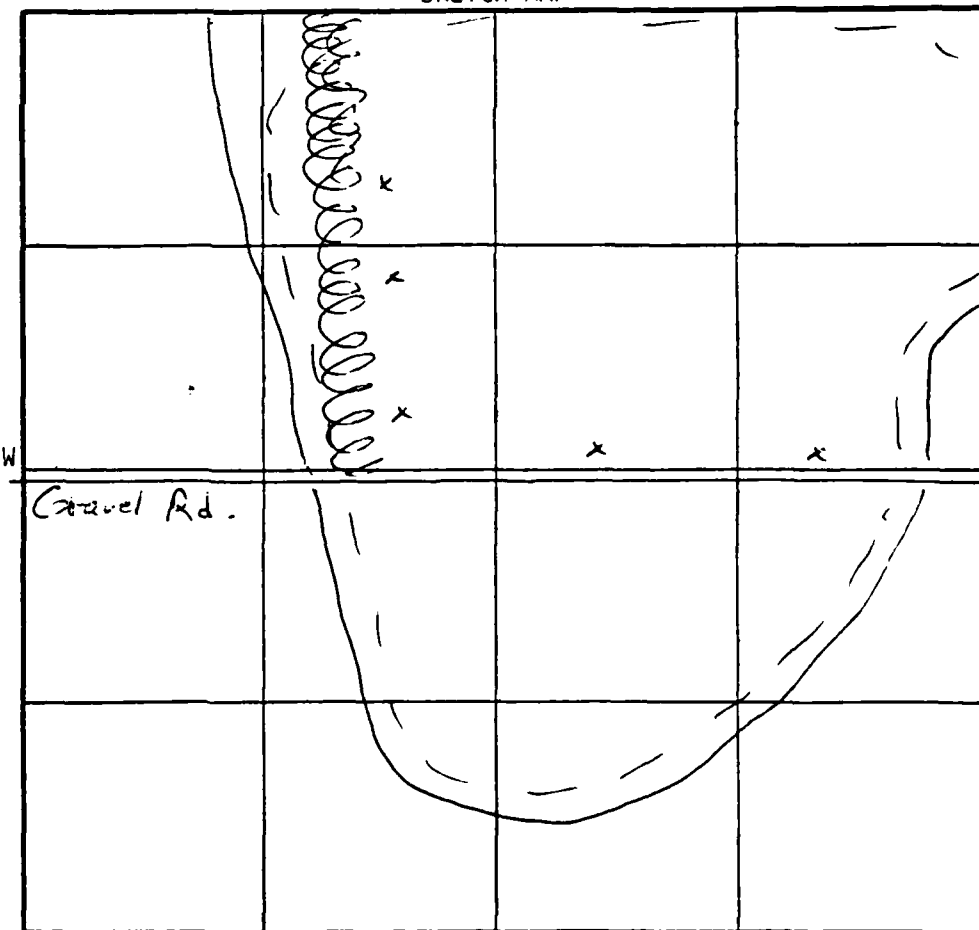
SKETCH MAP

Map Key:

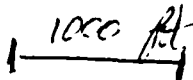
 shelter  
belt

--- site  
area

x - Flakes

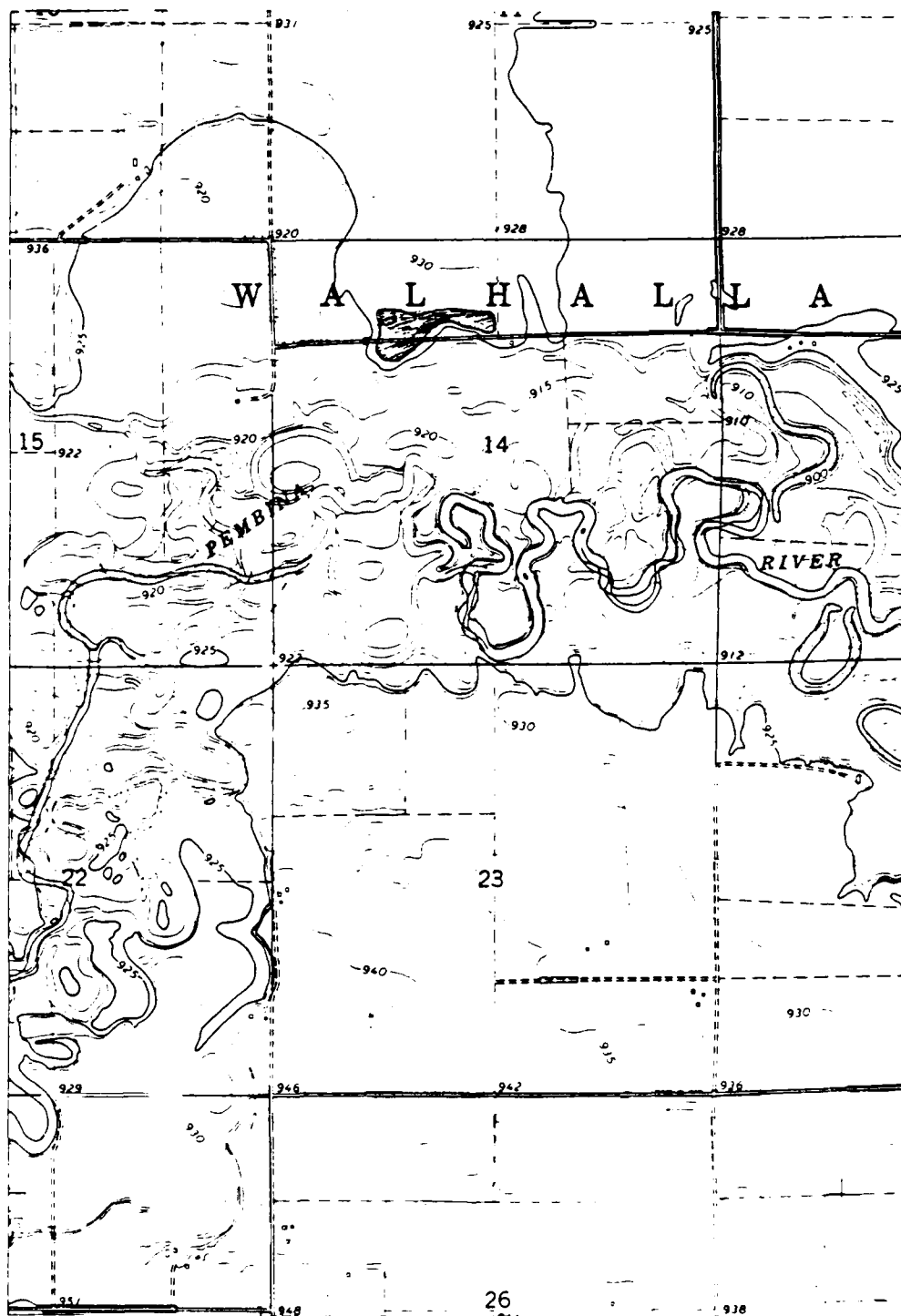


Map Scale:

 1000 ft

Recorded by Kenneth and Marie Brown

Date 8/18/81



# NDORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
LSO-42

Site Name \_\_\_\_\_

Map Quad  
LEFCY

\_\_\_\_\_

SITS #  
State County Site Number  
32 PE 27

LTL Typ R Sec QQQ QQ Q  
0 163 55 18 4 2 2

LTL<sub>a</sub> Typ<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
69 70 77 78 79 80

II. SITE DESCRIPTION

|                        |                      |                   |                             |                               |                         |
|------------------------|----------------------|-------------------|-----------------------------|-------------------------------|-------------------------|
| SITE TYPE              |                      | CULTURAL MATERIAL |                             | UNKNOWN                       |                         |
| 1                      | Conical Timber Lodge | 2                 | Bone (worked)               | Site Area                     |                         |
| 3                      | CM Scatter           | 4                 | Ceramics (Native)           | 5                             | _____ 12 m <sup>2</sup> |
| 13                     | Earthlodge Village   | 14                | Charcoal                    | Cultural Depth                |                         |
| 15                     | Earthworks           | 16                | Copper (Native)             | 19                            | _____ 21                |
| 17                     | Fortification        | 18                | ✓ Faunal Remains (skeletal) | Depth Indicator               |                         |
| 22                     | Grave                | 23                | Fire Cracked Rock           | 28                            | <u>0</u>                |
| 24                     | Hearth               | 25                | Floral Remains              | CULTURAL/TEMPORAL AFFILIATION |                         |
| 26                     | Jump                 | 27                | Fossil                      | 37                            | _____ Paleo             |
| 29                     | Mound                | 30                | Hide, Hair, Fur             | 40                            | _____ Archaic           |
| 31                     | Other Rock Features  | 32                | Human Remains               | 43                            | _____ Late Prehistoric  |
| 33                     | Pit                  | 34                | Projectile Point            | 46                            | <u>FC</u> 47 Historic   |
| 35                     | Quarry/Mine          | 36                | Shell (worked)              | 50                            | <u>I</u> Period Unknown |
| 38                     | Rock Art             | 39                | ✓ Stone, chipped            |                               |                         |
| 41                     | Rock Shelter         | 42                | Stone, ground               |                               |                         |
| 44                     | Stone Circle         | 45                | Trade Good (non-Native)     |                               |                         |
| 48                     | Trail (not recent)   | 49                | Wood (worked)               |                               |                         |
| 51                     | Miscellaneous        | 52                | ✓ Other                     |                               |                         |
| 53 _____ Isolated Find |                      | 54                | CM Density <u>7</u>         | Basis for Dating              |                         |
|                        |                      |                   |                             | 55 <u>3</u>                   |                         |

III. ENVIRONMENT

|                 |                     |                 |                     |                |
|-----------------|---------------------|-----------------|---------------------|----------------|
| Landform 1      | Landform 2          | Slope/Exposure  | View, degree        | View, distance |
| _____           | <u>0</u>            | <u>10</u>       | <u>2</u>            | <u>3</u>       |
| 56              | 57 58               | 59 60           | 61                  | 62             |
| Elevation       | Drainage System     | Dist Perm Water |                     |                |
| <u>280</u> m.   | <u>SENDER RIVER</u> | _____ m.        |                     |                |
| 63              | 67                  | 21              | 22                  | 26             |
| Perm Water Type | Dist Seas Water     | Seas Water Type | Ecosystem           |                |
| <u>3</u>        | <u>28</u> <u>32</u> | <u>33</u>       | <u>34</u> <u>37</u> |                |

IV. C.R.M.

|                                             |                           |            |          |            |
|---------------------------------------------|---------------------------|------------|----------|------------|
| Ownership                                   | Site Condition            | Collection | Test     | Excavation |
| _____                                       | <u>0</u>                  | <u>0</u>   | <u>0</u> | <u>0</u>   |
| 38                                          | 39                        | 40         | 41       | 42         |
| Fieldwork Date                              | Management Recommendation |            |          |            |
| <u>8/8/83</u>                               | <u>0</u>                  |            |          |            |
| 43                                          | 48                        | 49         |          |            |
| Additional Information                      |                           |            |          |            |
| <u>PREHISTORICAL CERAMICS, GLASS, METAL</u> |                           |            |          |            |
| 1 _____ 40                                  |                           |            |          |            |

OFFICE USE ONLY

|                     |                     |            |           |               |           |
|---------------------|---------------------|------------|-----------|---------------|-----------|
| Soil Association    | Ecozone             | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register      | National Register   | E C F      | T F       | MS Number     |           |
| <u>50</u>           | <u>51</u>           | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder \_\_\_\_\_ Date Coded \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla to county highway 55, then east 4 miles on county highway 55 and turn south onto a gravel section road, go south for 1½ miles until you reach the edge of the ridge overlooking the Pembina River. The site is east of the road at the edge of the ridge.
2. Description of Site The site is a historic site, with large quantities of historic ceramics, glass and metal present. The site is bounded on the west by the gravel road. No cultural features were observed.
3. Description of Cultural Materials Large quantities of glass, ceramics, and metal were observed, some was collected. The historic materials suggests a date of the late 19th to early 20th century. This was probably an early farmstead.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address James O'Keeffe and Randall Melaas
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The large quantities of historic artifacts dating to the 1800's indicates this may be an important historic location. This site should have further investigations.
17. Comments/References \_\_\_\_\_

Field Code USD-42

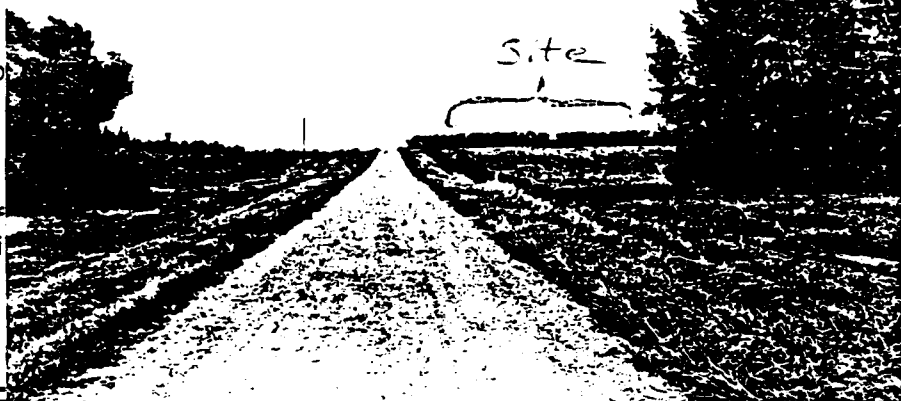
NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographi  
section.



B. W. X X Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-42 Pembina

Storage Location \_\_\_\_\_  
USDAL

SKETCH MAP

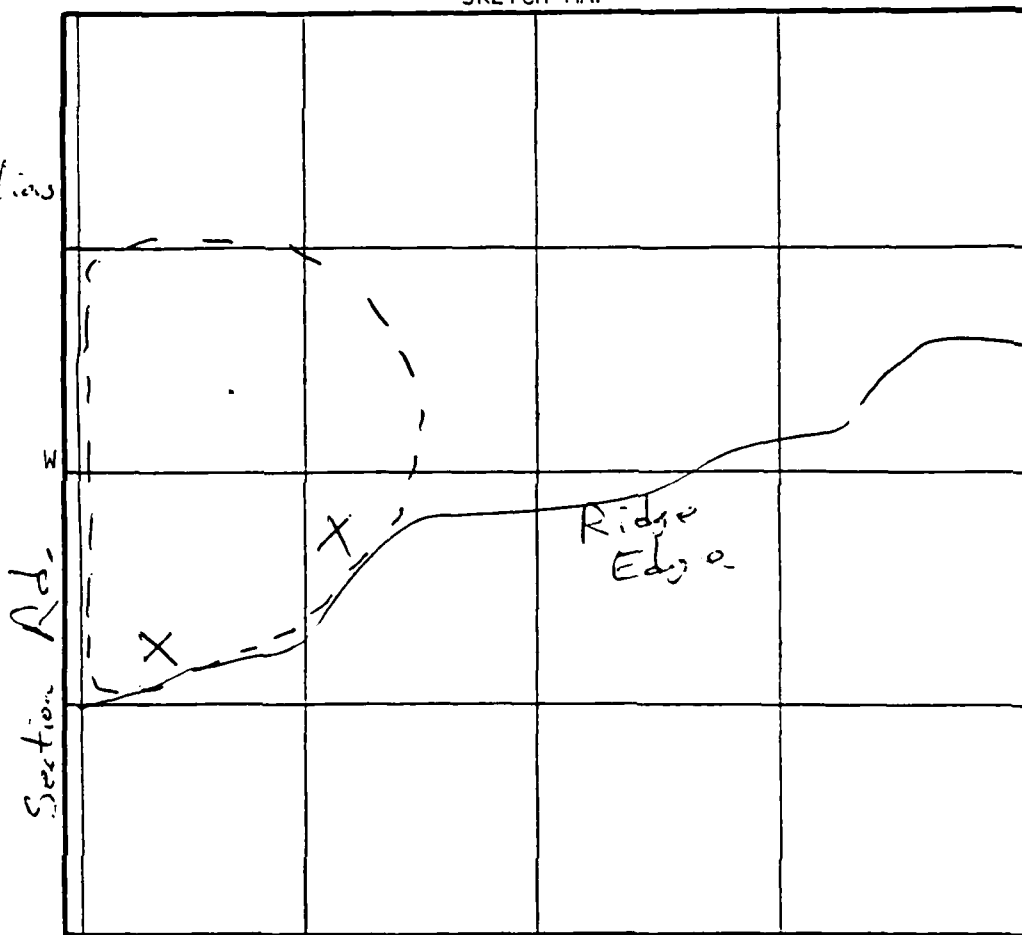
Map Key:

X = artifact  
concentrations

--- site  
area

Map Scale:

100 ft



Recorded by Kenneth and Marie Brown

Date 8/18/81





# UNCRS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
USL-44

Site Name \_\_\_\_\_

Map Quad  
2520

SITS #

State 32 County FE Site Number 28

LTL Typ R Sec QQQ QQ Q  
0 163 55 16 7 6 7

LTL<sup>a</sup> Typ R Sec QQQ<sup>a</sup> QQ<sup>a</sup> Q<sup>a</sup>  
0 163 55 16 6 7 7

II. SITE DESCRIPTION

|                                                 |                                                                  |                                                 |                                               |                                                       |
|-------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|
| SITE TYPE                                       |                                                                  | CULTURAL MATERIAL                               |                                               | Site Area                                             |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)                         | 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)  | 5 <u>22500</u> m <sup>2</sup>                         |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                             | 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)   | Cultural Depth                                        |
| 17 <input type="checkbox"/> Fortification       | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <input type="checkbox"/> Grave               | 20 <input type="checkbox"/> Fire Cracked Rock | 21 <u>21</u>                                          |
| 22 <input type="checkbox"/> Hearth              | 23 <input type="checkbox"/> Floral Remains                       | 24 <input type="checkbox"/> Jump                | 25 <input type="checkbox"/> Fossil            | Depth Indicator                                       |
| 26 <input type="checkbox"/> Mound               | 27 <input type="checkbox"/> Hide, Hair, Fur                      | 28 <input type="checkbox"/> Other Rock Features | 29 <input type="checkbox"/> Human Remains     | CULTURAL/TEMPORAL AFFILIATION                         |
| 31 <input type="checkbox"/> Pit                 | 32 <input type="checkbox"/> Projectile Point                     | 33 <input type="checkbox"/> Quarry/Mine         | 34 <input type="checkbox"/> Shell (worked)    | 37 <input type="checkbox"/> Paleo                     |
| 35 <input type="checkbox"/> Rock Art            | 36 <input checked="" type="checkbox"/> Stone, chipped            | 38 <input type="checkbox"/> Rock Shelter        | 39 <input type="checkbox"/> Stone, ground     | 40 <input type="checkbox"/> Archaic                   |
| 41 <input type="checkbox"/> Stone Circle        | 42 <input type="checkbox"/> Trade Good (non-Native)              | 43 <input type="checkbox"/> Trail (not recent)  | 44 <input type="checkbox"/> Wood (worked)     | 43 <input type="checkbox"/> Late Prehistoric          |
| 45 <input type="checkbox"/> Miscellaneous       | 46 <input type="checkbox"/> Other                                | 47 <input type="checkbox"/> Isolated Find       | 48 <input type="checkbox"/> CM Density        | 46 <input type="checkbox"/> 47 Historic               |
| 53 <input type="checkbox"/> Isolated Find       | 54 <input type="checkbox"/> Basis for Dating                     | 55 <input type="checkbox"/> CM Density          | 56 <input type="checkbox"/> Basis for Dating  | 50 <input checked="" type="checkbox"/> Period Unknown |

III. ENVIRONMENT

|                             |                                           |                                  |                          |                            |
|-----------------------------|-------------------------------------------|----------------------------------|--------------------------|----------------------------|
| Landform 1<br><u>1</u>      | Landform 2<br><u>10</u>                   | Slope/Exposure<br><u>10</u>      | View, degree<br><u>2</u> | View, distance<br><u>5</u> |
| 56 <u>200</u> m.            | 57 <u>58</u>                              | 58 <u>60</u>                     | 59 <u>61</u>             | 60 <u>62</u>               |
| Elevation                   | Drainage System<br><u>PERMANENT RIVER</u> | Dist Perm Water<br><u>500</u> m. | 21 <u>22</u>             | 26 <u>27</u>               |
| Perm Water Type<br><u>1</u> | Dist Seas Water<br><u>28</u>              | Seas Water Type<br><u>32</u>     | Ecosystem<br><u>33</u>   | 34 <u>37</u>               |

IV. C.R.M.

|                                    |                                       |                         |                  |                        |
|------------------------------------|---------------------------------------|-------------------------|------------------|------------------------|
| Ownership<br><u>1</u>              | Site Condition<br><u>0</u>            | Collection<br><u>13</u> | Test<br><u>0</u> | Excavation<br><u>0</u> |
| 38 <u>39</u>                       | 40 <u>41</u>                          | 42 <u>43</u>            | 44 <u>45</u>     | 46 <u>47</u>           |
| Fieldwork Date<br><u>1993</u>      | Management Recommendation<br><u>0</u> | 48 <u>49</u>            | 50 <u>51</u>     | 52 <u>53</u>           |
| Additional Information<br><u>1</u> | 54 <u>55</u>                          | 56 <u>57</u>            | 58 <u>59</u>     | 60 <u>61</u>           |

OFFICE USE ONLY

|                               |                                |                         |                      |                            |                       |
|-------------------------------|--------------------------------|-------------------------|----------------------|----------------------------|-----------------------|
| Soil Association<br><u>41</u> | Ecozone<br><u>42</u>           | Area Signf<br><u>43</u> | CR Type<br><u>44</u> | Verified Site<br><u>45</u> | Non-Site<br><u>46</u> |
| State Register<br><u>50</u>   | National Register<br><u>51</u> | E C F<br><u>52</u>      | T F<br><u>53</u>     | MS Number<br><u>54</u>     | <u>55</u>             |

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

# FIELD SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
USA-22

1 \_\_\_\_\_ 10

Site Name

19 \_\_\_\_\_ 38

Map Quad

LECKY  
51 \_\_\_\_\_ 68

SITS #

State County Site Number

32 PB \_\_\_\_\_  
11 13 15 18

LTL Twp R Sec QQQ QQ 0  
0 163 5521 8 2 8  
39 40 47 48 49 50

LTL Twp R Sec QQQa QQa 0  
0 163 5521 5 8 8  
69 70 77 78 79 80

II. SITE DESCRIPTION

|                        |                      |                   |                           |                           |
|------------------------|----------------------|-------------------|---------------------------|---------------------------|
| SITE TYPE              |                      | CULTURAL MATERIAL |                           | Site Area                 |
| 1                      | Conical Timber Lodge | 2                 | Bone (worked)             | 5 _____ 12 m <sup>2</sup> |
| 3                      | CM Scatter           | 4                 | Ceramics (Native)         |                           |
| 13                     | Earthlodge Village   | 14                | Charcoal                  |                           |
| 15                     | Earthworks           | 16                | Copper (Native)           | Cultural Depth            |
| 17                     | Fortification        | 18                | Faunal Remains (skeletal) | 19 _____ 21               |
| 22                     | Grave                | 23                | Fire Cracked Rock         | Depth Indicator           |
| 24                     | Hearth               | 25                | Floral Remains            | 28 _____                  |
| 26                     | Jump                 | 27                | Fossil                    |                           |
| 29                     | Mound                | 30                | Hide, Hair, Fur           |                           |
| 31                     | Other Rock Features  | 32                | Human Remains             | CULTURAL/TEMPORAL         |
| 33                     | Pit                  | 34                | Projectile Point          | AFFILIATION               |
| 35                     | Quarry/Mine          | 36                | Shell (worked)            | 37 _____ Paleo            |
| 38                     | Rock Art             | 39                | Stone, chipped            | 40 _____ Archaic          |
| 41                     | Rock Shelter         | 42                | Stone, ground             | 43 _____ Late Prehistoric |
| 44                     | Stone Circle         | 45                | Trade Good (non-Native)   | 46 _____ 47 Historic      |
| 48                     | Trail (not recent)   | 49                | Wood (worked)             | 50 _____ Period Unknown   |
| 51                     | Miscellaneous        | 52                | Other                     |                           |
| 53 _____ Isolated Find |                      | CM Density        | Basis for Dating          |                           |
|                        |                      | 54 _____          | 55 _____                  |                           |

III. ENVIRONMENT

|                 |                   |                 |                   |                 |
|-----------------|-------------------|-----------------|-------------------|-----------------|
| Landform 1      | Landform 2        | Slope/Exposure  | View, degree      | View, distance  |
| 56 _____        | 57 58 _____       | 59 60 _____     | 61 _____          | 62 _____        |
| Elevation       | Drainage System   |                 |                   | Dist Perm Water |
| 63 _____ m.     | 1 _____           |                 |                   | 22 _____ m.     |
| Perm Water Type | Dist Seas Water   | Seas Water Type | Ecosystem         |                 |
| 27 _____        | 28 _____ 32 _____ | 33 _____        | 34 _____ 37 _____ |                 |

IV. C.R.M.

|                        |                           |            |          |            |
|------------------------|---------------------------|------------|----------|------------|
| Ownership              | Site Condition            | Collection | Test     | Excavation |
| 38 _____               | 39 _____                  | 40 _____   | 41 _____ | 42 _____   |
| Fieldwork Date         | Management Recommendation |            |          |            |
| 43 _____ 48 _____      | 49 _____                  |            |          |            |
| Additional Information |                           |            |          |            |

OFFICE USE ONLY

|                  |                   |            |          |                   |          |
|------------------|-------------------|------------|----------|-------------------|----------|
| OFFICE USE ONLY  |                   |            |          |                   |          |
| Soil Association | Ecozone           | Area Signf | CR Type  | Verified Site     | Non-Site |
| 41 43 _____      | 44 45 _____       | 46 _____   | 47 _____ | 48 _____          | 49 _____ |
| State Register   | National Register | E C F      | T F      | MS Number         |          |
| 50 _____         | 51 _____          | 52 _____   | 53 _____ | 54 _____ 61 _____ |          |

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

Field Code USD-44

NDCRS ARCHEOLOGY SITE FORM -

Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 1 mile north of Leroy on highway 12, turn west, onto gravel section road. Go west 3/4 mile. Site is on a ridge top on both sides of the road.
2. Description of Site The site is in a cultivated field on a ridge top, bisected by a gravel road. The site has a good view of the Pembina River Valley. A thin scatter of chipped stone and bone fragments were recovered. No cultural features were discernible.
3. Description of Cultural Materials A few chipped stone artifacts, non culturally diagnostic, and some bone fragments were recovered.
4. Artifact Repository University of South Dakota Archeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Albert Johnson, and Francis Fitzsimonds
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The large quantities of prehistoric artifacts collected from this site by Jay Wessels, a local collector, indicates this is an important prehistoric site. This site should be further investigated.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie Brown

Date 8/10/81

Field Code USD-44

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.



B.W. ☒ Color ☐

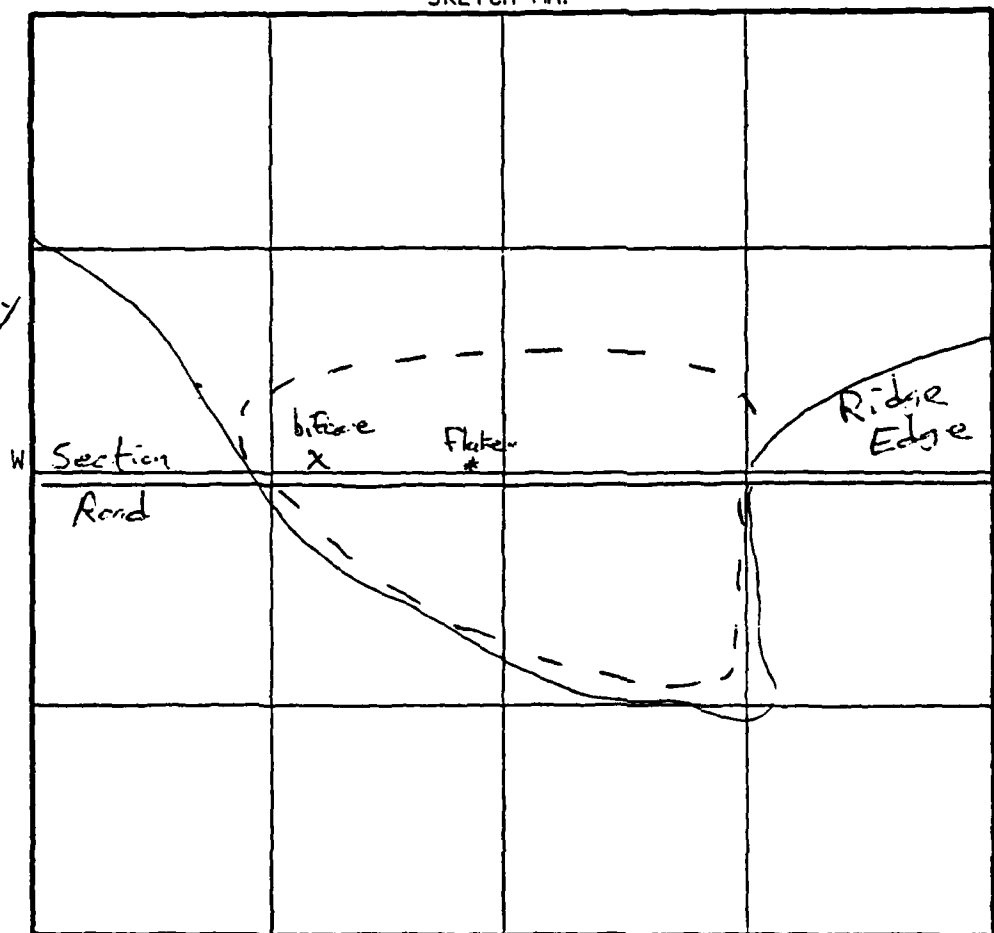
Photo I.D. Code \_\_\_\_\_  
USD-44 Pembina

Storage Location \_\_\_\_\_  
USDAL

SKETCH MAP

Map Key:

--- site boundary



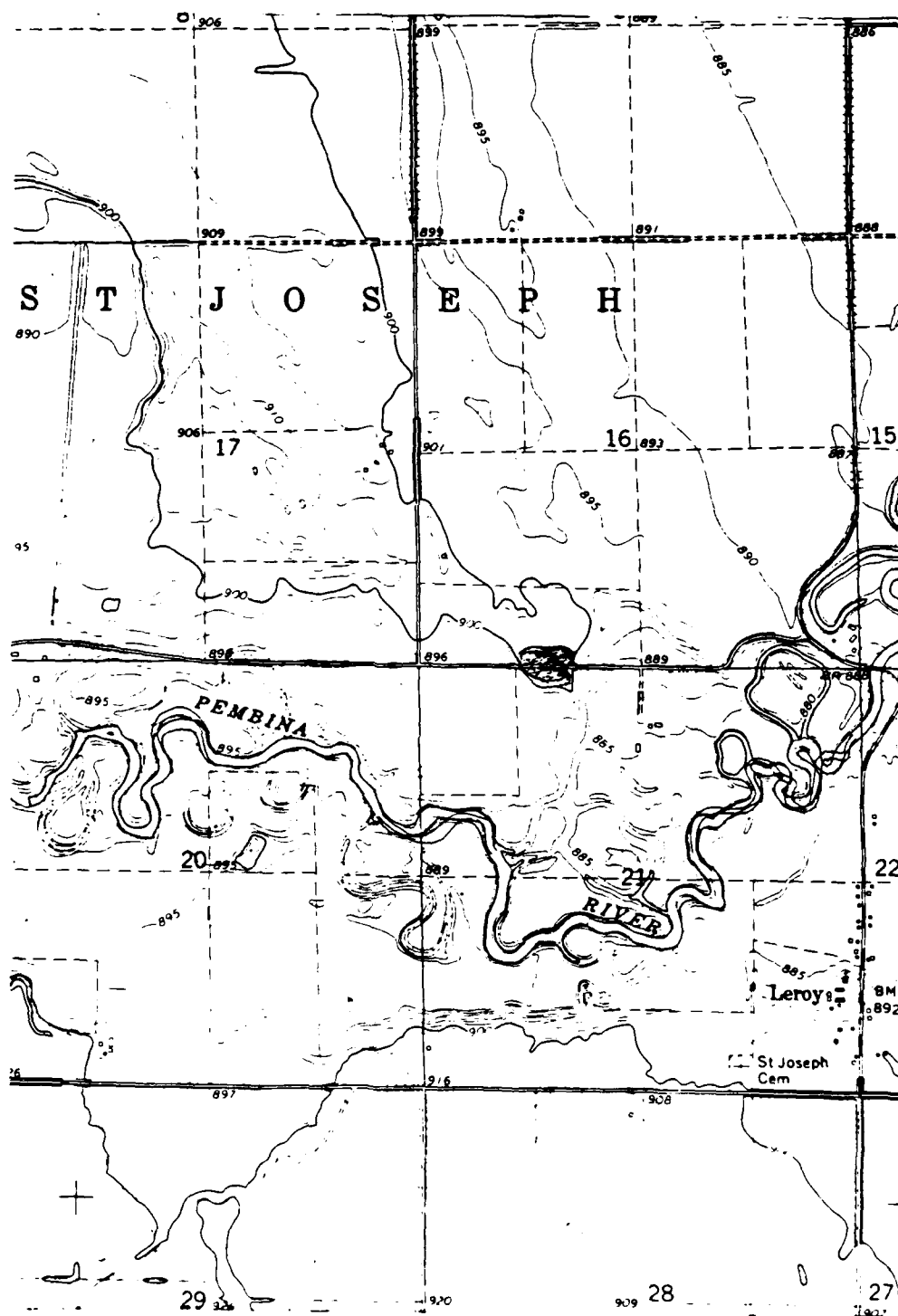
Map Scale:

200 ft

Recorded by Kenneth and Marie Brown

Date 8/19/81

175Δ-44



# MOGGS SITE FORM ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code US-45 State 32 County PE Site Number 29

Site Name LEPA LTL 0 Twp 16B R 55 Sec 17 QQ 1 QQ 5 Q 8

Map Quad 16B LTL<sub>a</sub> 0 Twp<sub>a</sub> 16B R<sub>a</sub> 55 Sec<sub>a</sub> 17 QQ<sub>a</sub> 1 QQ<sub>a</sub> 5 Q<sub>a</sub> 8

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE
6. SE
7. SW
8. NW
9. C

II. SITE DESCRIPTION

|                                                            |                                                                  |                                                         |
|------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------|
| 1 SITE TYPE                                                | 2 CULTURAL MATERIAL                                              | 5 Site Area                                             |
| 1 <input checked="" type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)                         | 5 <u>150.00</u> 12 m <sup>2</sup>                       |
| 3 <input checked="" type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)                     | 6 Cultural Depth                                        |
| 13 <input type="checkbox"/> Earthlodge Village             | 14 <input type="checkbox"/> Charcoal                             | 19 <u>21</u>                                            |
| 15 <input type="checkbox"/> Earthworks                     | 16 <input type="checkbox"/> Copper (Native)                      | 28 Depth Indicator                                      |
| 17 <input type="checkbox"/> Fortification                  | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 28 <u>0</u>                                             |
| 22 <input type="checkbox"/> Grave                          | 23 <input type="checkbox"/> Fire Cracked Rock                    | CULTURAL/TEMPORAL                                       |
| 24 <input type="checkbox"/> Hearth                         | 25 <input type="checkbox"/> Floral Remains                       | AFFILIATION                                             |
| 26 <input type="checkbox"/> Jump                           | 27 <input type="checkbox"/> Fossil                               | 37 <input type="checkbox"/> Paleo                       |
| 29 <input type="checkbox"/> Mound                          | 30 <input type="checkbox"/> Hide, Hair, Fur                      | 40 <input type="checkbox"/> Archaic                     |
| 31 <input type="checkbox"/> Other Rock Features            | 32 <input type="checkbox"/> Human Remains                        | 43 <input checked="" type="checkbox"/> Late Prehistoric |
| 33 <input type="checkbox"/> Pit                            | 34 <input checked="" type="checkbox"/> Projectile Point          | 46 <input type="checkbox"/> 47 Historic                 |
| 35 <input type="checkbox"/> Quarry/Mine                    | 36 <input type="checkbox"/> Shell (worked)                       | 50 <input type="checkbox"/> Period Unknown              |
| 38 <input type="checkbox"/> Rock Art                       | 39 <input type="checkbox"/> Stone, chipped                       |                                                         |
| 41 <input type="checkbox"/> Rock Shelter                   | 42 <input type="checkbox"/> Stone, ground                        |                                                         |
| 44 <input type="checkbox"/> Stone Circle                   | 45 <input type="checkbox"/> Trade Good (non-Native)              |                                                         |
| 48 <input type="checkbox"/> Trail (not recent)             | 49 <input type="checkbox"/> Wood (worked)                        |                                                         |
| 51 <input type="checkbox"/> Miscellaneous                  | 52 <input type="checkbox"/> Other                                |                                                         |
| 53 <input type="checkbox"/> Isolated Find                  | 54 CM Density <u>1</u>                                           | 55 Basis for Dating <u>3</u>                            |

III. ENVIRONMENT

Landform 1 1 Landform 2 10 Slope/Exposure 10 View, degree 2 View, distance 3

Elevation 27 m. Drainage System LEPA RIVER Dist Perm Water 1450 m.

Perm Water Type 2 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 40 Test 41 Excavation 42

Fieldwork Date 2 Management Recommendation 2

Additional Information 43 48 49

OFFICE USE ONLY

Soil Association 41 43 Ecozone 44 45 Area Signf 46 CR Type 47 Verified Site 48 Non-Site 49

State Register 50 National Register 51 E C F T F MS Number 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Coder 100-100-100

Date Coded 10-10-10

Field Code USD-45

## NDCRS ARCHEOLOGY SITE FORM

## Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Leroy on county highway 12, turn west onto a gravel road, go west to the end of the road at the edge of a prominent ridge, about 1½ west. The road bisects the site.
2. Description of Site The site is in a cultivated field, bisected by a dirt road. The site is situated on a ridge top with an excellent view of the lowlands. A thin scatter of chipped stone tools and artifacts were recovered. No cultural features were discernible. The projectile point, an arrow point, is late prehistoric.
3. Description of Cultural Materials Several pieces of chipped stone were collected. One projectile point, a small, notched form, was recovered. Small fragments of bone were collected also. No additional culturally diagnostic artifacts were collected. This is a late prehistoric site.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Robert Fitzsimonds and Dwight Holmes
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans and corn
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The large quantity of artifacts collected from this site by Jay Wessels, a local collector, indicates this is an important prehistoric site. This site should have further investigations.
17. Comments/References \_\_\_\_\_
- Recorded by Kenneth and Marie Brown Date 8/19/81



Field Code USD-45

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographi  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.



B.W. ☒ Color ☐

Photo I.D. Code  
USD-45 Pembina

Storage Location  
USDAL

SKETCH MAP

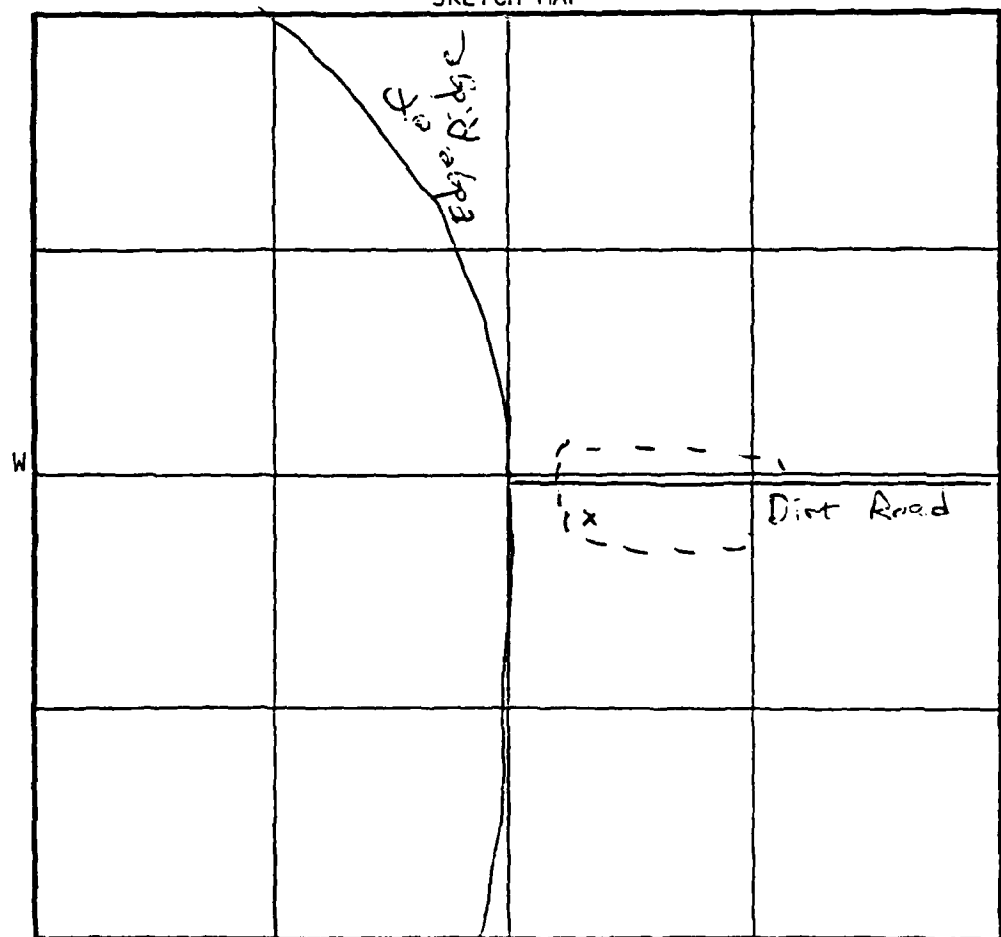
Map Key:

x - projectile  
point

--- site  
boundary

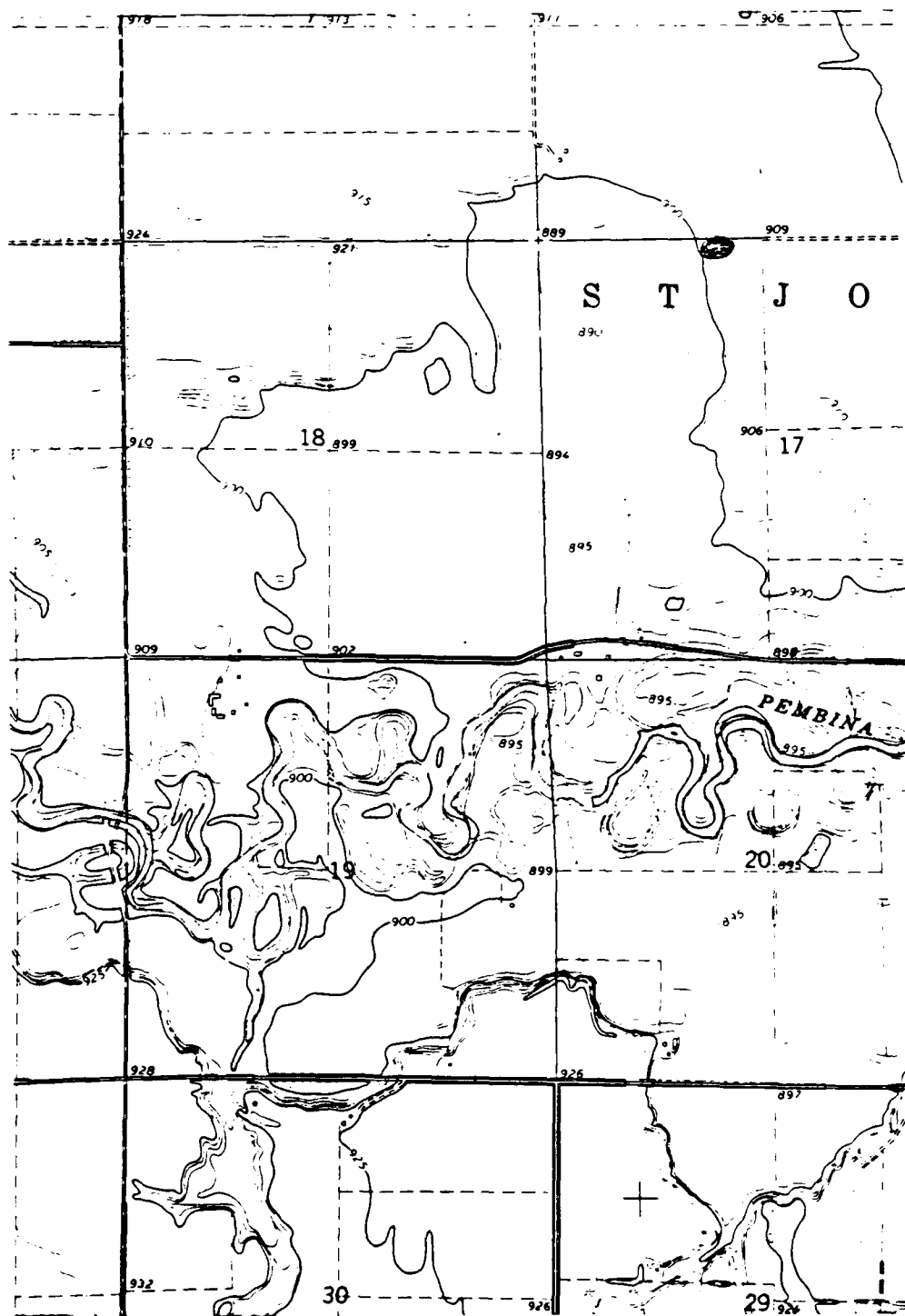
Map Scale:

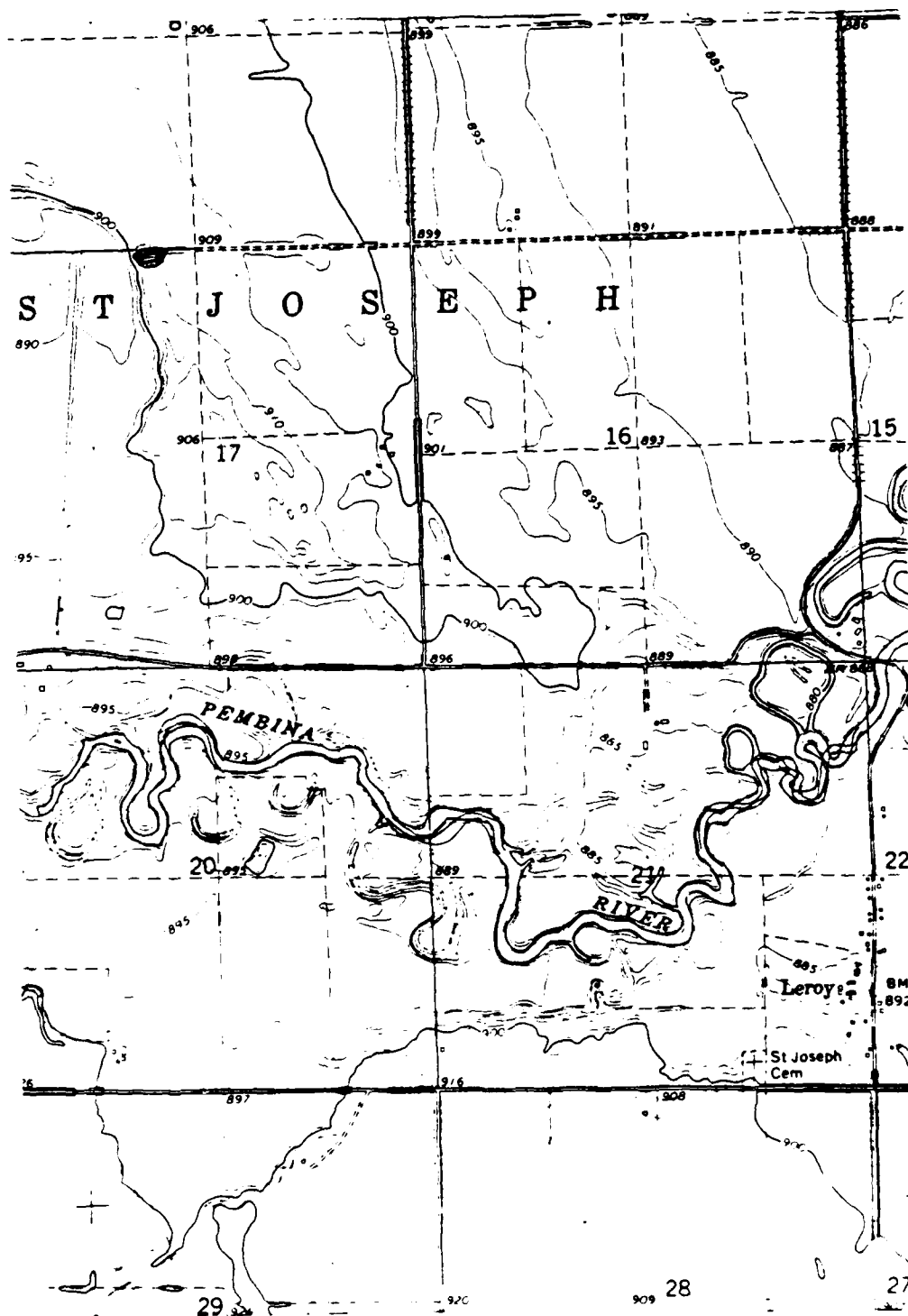
100 Ft



Recorded by Kenneth and Marie Brown

Date 8/19/81





NUORS SITE FORM  
ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
152-46

Site Name \_\_\_\_\_

Map Quad  
152-46

SITS #

State County Site Number

32 PA 30

LTL Twp R Sec QQQ QQ Q  
0 163 55 19 1 3 5

LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>

69 70 77 78 79 80

II. SITE DESCRIPTION

| SITE TYPE |                                               | CULTURAL MATERIAL |                                                    | Site Area |                                                    |
|-----------|-----------------------------------------------|-------------------|----------------------------------------------------|-----------|----------------------------------------------------|
| 1         | <input type="checkbox"/> Conical Timber Lodge | 2                 | <input type="checkbox"/> Bone (worked)             | 5         | <u>5625</u> <sup>12</sup> m <sup>2</sup>           |
| 3         | <input type="checkbox"/> CM Scatter           | 4                 | <input type="checkbox"/> Ceramics (Native)         |           |                                                    |
| 13        | <input type="checkbox"/> Earthlodge Village   | 14                | <input type="checkbox"/> Charcoal                  |           |                                                    |
| 15        | <input type="checkbox"/> Earthworks           | 16                | <input type="checkbox"/> Copper (Native)           |           |                                                    |
| 17        | <input type="checkbox"/> Fortification        | 18                | <input type="checkbox"/> Faunal Remains (skeletal) | 19        | <u>21</u>                                          |
| 22        | <input type="checkbox"/> Grave                | 23                | <input type="checkbox"/> Fire Cracked Rock         |           |                                                    |
| 24        | <input type="checkbox"/> Hearth               | 25                | <input type="checkbox"/> Floral Remains            |           |                                                    |
| 26        | <input type="checkbox"/> Jump                 | 27                | <input type="checkbox"/> Fossil                    | 28        | <u>0</u>                                           |
| 29        | <input checked="" type="checkbox"/> Mound     | 30                | <input type="checkbox"/> Hide, Hair, Fur           |           |                                                    |
| 31        | <input type="checkbox"/> Other Rock Features  | 32                | <input type="checkbox"/> Human Remains             |           |                                                    |
| 33        | <input type="checkbox"/> Pit                  | 34                | <input type="checkbox"/> Projectile Point          |           |                                                    |
| 35        | <input type="checkbox"/> Quarry/Mine          | 36                | <input type="checkbox"/> Shell (worked)            | 37        | <input type="checkbox"/> Paleo                     |
| 38        | <input type="checkbox"/> Rock Art             | 39                | <input type="checkbox"/> Stone, chipped            | 40        | <input type="checkbox"/> Archaic                   |
| 41        | <input type="checkbox"/> Rock Shelter         | 42                | <input type="checkbox"/> Stone, ground             | 43        | <input type="checkbox"/> Late Prehistoric          |
| 44        | <input type="checkbox"/> Stone Circle         | 45                | <input type="checkbox"/> Trade Good (non-Native)   | 46        | <u>47</u> Historic                                 |
| 48        | <input type="checkbox"/> Trail (not recent)   | 49                | <input type="checkbox"/> Wood (worked)             | 50        | <input checked="" type="checkbox"/> Period Unknown |
| 51        | <input type="checkbox"/> Miscellaneous        | 52                | <input type="checkbox"/> Other                     |           |                                                    |

III. ENVIRONMENT

|    |                                        |    |                                      |    |                               |
|----|----------------------------------------|----|--------------------------------------|----|-------------------------------|
| 53 | <input type="checkbox"/> Isolated Find | 54 | CM Density <u>2</u>                  | 55 | Basis for Dating <u>1</u>     |
| 56 | Landform 1 <u>1</u>                    | 57 | Landform 2 <u>1</u>                  | 59 | Slope/Exposure <u>10</u>      |
| 63 | Elevation <u>270</u> m.                | 67 | Drainage System <u>SEATTLE RIVER</u> | 61 | View, degree <u>4</u>         |
| 63 | Perm Water Type <u>1</u>               | 67 | Dist Seas Water <u>28</u>            | 61 | View, distance <u>2</u>       |
| 27 | Perm Water Type <u>28</u>              | 32 | Seas Water Type <u>33</u>            | 22 | Dist Perm Water <u>250</u> m. |
|    |                                        |    |                                      | 26 | Ecosystem <u>34</u>           |

IV. C.R.M.

|    |                                                          |    |                                    |    |                     |    |               |    |                     |
|----|----------------------------------------------------------|----|------------------------------------|----|---------------------|----|---------------|----|---------------------|
| 38 | Ownership <u>1</u>                                       | 39 | Site Condition <u>1</u>            | 40 | Collection <u>1</u> | 41 | Test <u>0</u> | 42 | Excavation <u>0</u> |
| 43 | Fieldwork Date <u>1982</u>                               | 48 | Management Recommendation <u>2</u> |    |                     |    |               |    |                     |
|    | Additional Information <u>LANDFORM 1 - CONICAL MOUND</u> |    |                                    |    |                     |    |               |    |                     |

OFFICE USE ONLY

|                |                   |       |     |           |    |    |    |
|----------------|-------------------|-------|-----|-----------|----|----|----|
| 41             | 43                | 44    | 45  | 46        | 47 | 48 | 49 |
| State Register | National Register | E C F | T F | MS Number |    |    |    |
| 50             | 51                | 52    | 53  | 54        | 55 | 56 | 57 |

Coder 152-46

Date Coded 1982

NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Field Code USD-46

Site Number \_\_\_\_\_

1. Access Access to the site is 1 mile north of Leroy on county highway 12,  
turn west, go west 2½ miles on a gravel road. The site is a marked, with a  
sign, Indian Mound. The site is on the south side of the road.
2. Description of Site The site is a proposed Indian Mound. However,  
examination of the site indicates natural agents for its existence. Rumor  
has it that human skeletal material has been dug from the top of the mound.  
We did not observe any artifacts, bone, or otherwise.
3. Description of Cultural Materials None
4. Artifact Repository No artifacts recovered or observed
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address William Fitzsimonds
8. Vegetation Crops
9. Cover (% of visible ground) 100 %, plowed
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site does seem to warrant further  
investigations.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie Brown

Date 8/19/81

Field Code USD-46

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of 1  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



B. & W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-46 Pembina

Storage Location \_\_\_\_\_  
USDAL

SKETCH MAP

Map Key:

• = Sign  
"Indian Mound"

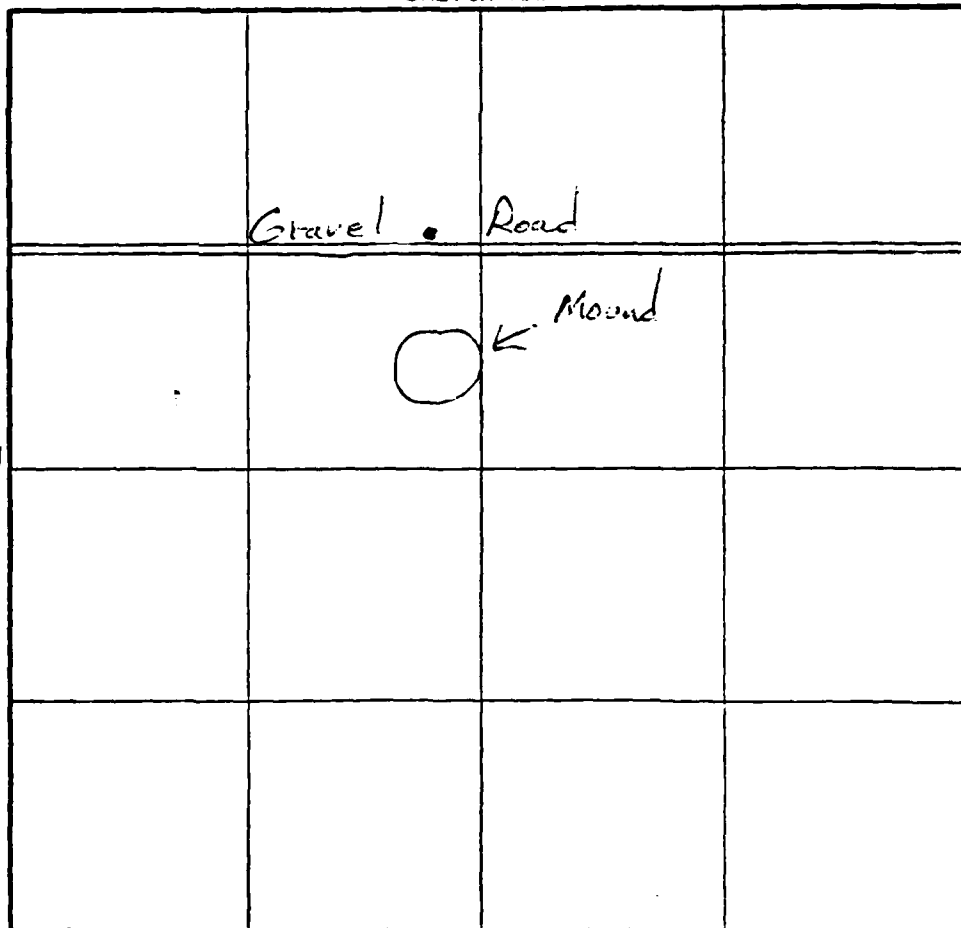
Gravel • Road

← Mound

W

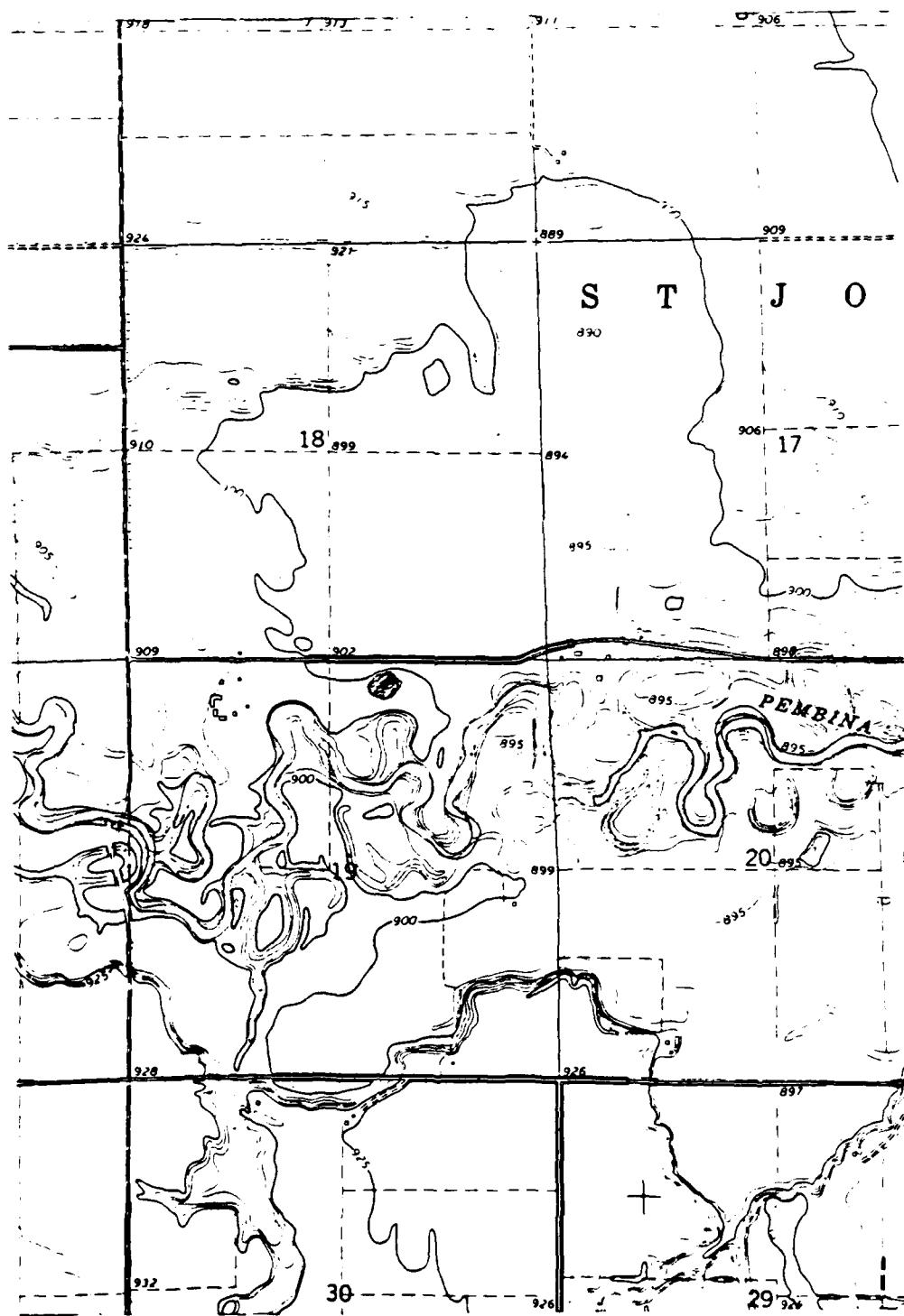
Map Scale:

200 ft



Recorded by Kenneth and Marie Brown

Date 8/19/81



# MOORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
06-42  
1 10

Site Name  
COULT'S TRAILLINE POST  
19 38

Map Quad  
COULT'S TRAILLINE  
51 68

SITS #  
State County Site Number  
32 FE 31  
11 13 15 18  
LTL Twp R Sec QQQ QQ Q  
C 164 5430 E 6 6  
39 40 47 48 49 50  
LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
C 164 5430 L 2 2  
69 70 77 78 79 80

II. SITE DESCRIPTION

|                                                 |                                                       |                                                         |  |           |
|-------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------|--|-----------|
| SITE TYPE                                       |                                                       | CULTURAL MATERIAL                                       |  | Site Area |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)              | 5 <input type="checkbox"/> 12 m <sup>2</sup>            |  |           |
| 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)          |                                                         |  |           |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                  |                                                         |  |           |
| 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)           | Cultural Depth                                          |  |           |
| 17 <input type="checkbox"/> Fortification       | 18 <input type="checkbox"/> Faunal Remains (skeletal) | 19 <input type="checkbox"/> 21                          |  |           |
| 22 <input type="checkbox"/> Grave               | 23 <input type="checkbox"/> Fire Cracked Rock         |                                                         |  |           |
| 24 <input type="checkbox"/> Hearth              | 25 <input type="checkbox"/> Floral Remains            | Depth Indicator                                         |  |           |
| 26 <input type="checkbox"/> Jump                | 27 <input type="checkbox"/> Fossil                    | 28 <input type="checkbox"/> 0                           |  |           |
| 29 <input type="checkbox"/> Mound               | 30 <input type="checkbox"/> Hide, Hair, Fur           |                                                         |  |           |
| 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Human Remains             | CULTURAL/TEMPORAL AFFILIATION                           |  |           |
| 33 <input type="checkbox"/> Pit                 | 34 <input type="checkbox"/> Projectile Point          | 37 <input type="checkbox"/> Paleo                       |  |           |
| 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Shell (worked)            | 40 <input type="checkbox"/> Archaic                     |  |           |
| 38 <input type="checkbox"/> Rock Art            | 39 <input checked="" type="checkbox"/> Stone, chipped | 43 <input type="checkbox"/> Late Prehistoric            |  |           |
| 41 <input type="checkbox"/> Rock Shelter        | 42 <input type="checkbox"/> Stone, ground             | 46 <input checked="" type="checkbox"/> 10 47 Historic   |  |           |
| 44 <input type="checkbox"/> Stone Circle        | 45 <input type="checkbox"/> Trade Good (non-Native)   | 50 <input checked="" type="checkbox"/> 1 Period Unknown |  |           |
| 48 <input type="checkbox"/> Trail (not recent)  | 49 <input type="checkbox"/> Wood (worked)             |                                                         |  |           |
| 51 <input type="checkbox"/> Miscellaneous       | 52 <input checked="" type="checkbox"/> Other          |                                                         |  |           |
| 53 <input type="checkbox"/> Isolated Find       | CM Density                                            | Basis for Dating                                        |  |           |
|                                                 | 54 <input checked="" type="checkbox"/> 1              | 55 <input checked="" type="checkbox"/> 3                |  |           |

III. ENVIRONMENT

|                               |                                  |                                   |                                |                               |
|-------------------------------|----------------------------------|-----------------------------------|--------------------------------|-------------------------------|
| Landform 1                    | Landform 2                       | Slope/Exposure                    | View, degree                   | View, distance                |
| 1 <input type="checkbox"/> 56 | 2 <input type="checkbox"/> 57 58 | 10 <input type="checkbox"/> 59 60 | 14 <input type="checkbox"/> 61 | 2 <input type="checkbox"/> 62 |
| Elevation                     | Drainage System                  | Dist Perm Water                   |                                |                               |
| 261 m.                        | 1 <input type="checkbox"/> 59 60 | 550 m. ←                          |                                |                               |
| Perm Water Type               | Dist Seas Water                  | Seas Water Type                   | Ecosystem                      |                               |
| 2 <input type="checkbox"/> 27 | 28 <input type="checkbox"/> 32   | 33 <input type="checkbox"/> 33    | 34 <input type="checkbox"/> 37 |                               |

IV. C.R.M.

|                                |                               |                               |                               |                               |
|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Ownership                      | Site Condition                | Collection                    | Test                          | Excavation                    |
| 1 <input type="checkbox"/> 38  | 2 <input type="checkbox"/> 39 | 3 <input type="checkbox"/> 40 | 4 <input type="checkbox"/> 41 | 5 <input type="checkbox"/> 42 |
| Fieldwork Date                 | Management Recommendation     |                               |                               |                               |
| 43 <input type="checkbox"/> 48 | 2 <input type="checkbox"/> 49 |                               |                               |                               |
| Additional Information         |                               |                               |                               |                               |
| 1 <input type="checkbox"/> 40  |                               |                               |                               |                               |

OFFICE USE ONLY

|                                |                                |                                |                                |                                |          |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------|
| Soil Association               | Ecozone                        | Area Signf                     | CR Type                        | Verified Site                  | Non-Site |
| 41 <input type="checkbox"/> 43 | 44 <input type="checkbox"/> 45 | 46 <input type="checkbox"/> 46 | 47 <input type="checkbox"/> 48 | 49 <input type="checkbox"/> 49 |          |
| State Register                 | National Register              | E C F T F                      | MS Number                      |                                |          |
| 50 <input type="checkbox"/> 51 | 52 <input type="checkbox"/> 53 | 54 <input type="checkbox"/> 54 | 61 <input type="checkbox"/> 61 |                                |          |

Coder 06-42

Date Coded 06-42



## Page 1

# I. SITE I.D.

## VI. SITE DESCRIPTION

### III. ENVIRONMENT

IV C R M

OFFICE USE ONLY

Field Code

1001-47

State

32

County

PE

Site Number

1

10

Site Name

SPRINTLE TRAILING POST

19

38

Map Quad

CHALIE-4-NW

51

68

LTL

0

Twp

164

R

54

Sec

30

QQQ

2

QQ

8

Q

6

39

40

47

48

49

50

LTL<sup>a</sup>

0

Twp<sup>a</sup>

164

R<sup>a</sup>

54

Sec<sup>a</sup>

30

QQQ<sup>a</sup>

6

QQ<sup>a</sup>

5

Q<sup>a</sup>

7

69

70

77

78

79

80

SITS #

SITE TYPE

1

Conical Timber Lodge

2

CM Scatter

4

Earthlodge Village

13

Earthworks

15

Fortification

17

Grave

22

Hearth

24

Jump

26

Mound

29

Other Rock Features

31

Pit

33

Quarry/Mine

35

Rock Art

38

Rock Shelter

41

Stone Circle

44

Trail (not recent)

48

Miscellaneous

51

CULTURAL MATERIAL

3

Bone (worked)

4

Ceramics (Native)

14

Charcoal

16

Copper (Native)

18

Faunal Remains (skeletal)

23

Fire Cracked Rock

25

Floral Remains

27

Fossil

30

Hide, Hair, Fur

32

Human Remains

34

Projectile Point

36

Shell (worked)

39

Stone, chipped

42

Stone, ground

45

Trade Good (non-Native)

49

Wood (worked)

52

Other

Site Area

5

12 m<sup>2</sup>

Cultural Depth

19

21

Depth Indicator

28

CULTURAL/TEMPORAL AFFILIATION

37

Paleo

40

Archaic

43

Late Prehistoric

46

47

Historic

50

Period Unknown

CM Density

53

Isolated Find

Basis for Dating

54

55

Landform 1

56

Landform 2

57

58

Slope/Exposure

59

60

View, degree

61

View, distance

62

Elevation

63

67

Drainage System

1

Dist Perm Water

22

26

Perm Water Type

27

Dist Seas Water

28

32

Seas Water Type

33

Ecosystem

34

37

Ownership

38

Site Condition

39

Collection

40

Test

41

Excavation

42

Fieldwork Date

43

48

Management Recommendation

49

Additional Information

1

40

OFFICE USE ONLY

Soil Association

41

43

Ecozone

44

45

Area Signf

46

CR Type

47

Verified Site

48

Non-Site

49

State Register

50

National Register

51

E C F

52

T F

53

MS Number

54

61

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

Coder  $\tau = 10^{-5}$  s,  $\mu = 2 \times 10^{-5}$  s

Date Coded 101-151

NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                                           |                                                                                                                                                                                 |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Field Code<br><u>42-47</u>                | SITS #<br>State <u>32</u> County <u>PE</u> Site Number<br><u>11</u> <u>13</u> <u>15</u> <u>18</u>                                                                               |
| Site Name<br><u>GRANT'S TRAILING POST</u> | LTL Twp R Sec QQ Q Q<br><u>0</u> <u>164</u> <u>54</u> <u>30</u> <u>5</u> <u>6</u> <u>2</u>                                                                                      |
| Map Quad<br><u>51</u>                     | LTL <sub>a</sub> Twp <sub>a</sub> R <sub>a</sub> Sec <sub>a</sub> QQ <sub>a</sub> QQ <sub>a</sub> Q <sub>a</sub><br><u>69</u> <u>70</u> <u>77</u> <u>78</u> <u>79</u> <u>80</u> |

II. SITE DESCRIPTION

|                                                 |                                                       |                                                 |                                               |                                              |
|-------------------------------------------------|-------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|----------------------------------------------|
| SITE TYPE                                       |                                                       | CULTURAL MATERIAL                               |                                               | Site Area                                    |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)              | 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)  | 5 <u>12</u> m <sup>2</sup>                   |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                  | 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)   | Cultural Depth                               |
| 17 <input type="checkbox"/> Fortification       | 18 <input type="checkbox"/> Faunal Remains (skeletal) | 19 <input type="checkbox"/> Grave               | 20 <input type="checkbox"/> Fire Cracked Rock | 21 <u>21</u>                                 |
| 22 <input type="checkbox"/> Hearth              | 23 <input type="checkbox"/> Floral Remains            | 24 <input type="checkbox"/> Jump                | 25 <input type="checkbox"/> Fossil            | Depth Indicator                              |
| 26 <input type="checkbox"/> Mound               | 27 <input type="checkbox"/> Hide, Hair, Fur           | 28 <input type="checkbox"/> Other Rock Features | 29 <input type="checkbox"/> Human Remains     | CULTURAL/TEMPORAL AFFILIATION                |
| 31 <input type="checkbox"/> Pit                 | 32 <input type="checkbox"/> Projectile Point          | 33 <input type="checkbox"/> Quarry/Mine         | 34 <input type="checkbox"/> Shell (worked)    | 37 <input type="checkbox"/> Paleo            |
| 35 <input type="checkbox"/> Rock Art            | 36 <input type="checkbox"/> Stone, chipped            | 38 <input type="checkbox"/> Rock Shelter        | 37 <input type="checkbox"/> Stone, ground     | 40 <input type="checkbox"/> Archaic          |
| 41 <input type="checkbox"/> Stone Circle        | 42 <input type="checkbox"/> Trade Good (non-Native)   | 43 <input type="checkbox"/> Trail (not recent)  | 43 <input type="checkbox"/> Wood (worked)     | 43 <input type="checkbox"/> Late Prehistoric |
| 44 <input type="checkbox"/> Miscellaneous       | 45 <input type="checkbox"/> Other                     | 46 <input type="checkbox"/> Isolated Find       | 47 <input type="checkbox"/> CM Density        | 46 <input type="checkbox"/> 47 Historic      |
| 48 <input type="checkbox"/> Basis for Dating    | 49 <input type="checkbox"/> Basis for Dating          | 50 <input type="checkbox"/> Basis for Dating    | 50 <input type="checkbox"/> Basis for Dating  | 50 <input type="checkbox"/> Period Unknown   |

III. ENVIRONMENT

|                        |                     |                     |                     |                     |
|------------------------|---------------------|---------------------|---------------------|---------------------|
| Landform 1             | Landform 2          | Slope/Exposure      | View, degree        | View, distance      |
| <u>56</u>              | <u>57</u> <u>58</u> | <u>59</u> <u>60</u> | <u>61</u>           | <u>62</u>           |
| Elevation              | Drainage System     | Dist Perm Water     | Dist Perm Water     | Dist Perm Water     |
| <u>63</u> <u>67</u> m. | <u>1</u>            | <u>21</u>           | <u>22</u>           | <u>26</u> m.        |
| Perm Water Type        | Dist Seas Water     | Seas Water Type     | Ecosystem           | Ecosystem           |
| <u>27</u>              | <u>28</u> <u>32</u> | <u>33</u>           | <u>34</u> <u>37</u> | <u>34</u> <u>37</u> |

IV. C.R.M.

|                        |                           |                           |                           |                           |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Ownership              | Site Condition            | Collection                | Test                      | Excavation                |
| <u>38</u>              | <u>39</u>                 | <u>40</u>                 | <u>41</u>                 | <u>42</u>                 |
| Fieldwork Date         | Management Recommendation | Management Recommendation | Management Recommendation | Management Recommendation |
| <u>43</u> <u>48</u>    | <u>49</u>                 | <u>49</u>                 | <u>49</u>                 | <u>49</u>                 |
| Additional Information |                           |                           |                           |                           |

OFFICE USE ONLY

|                     |                     |                     |                     |               |           |
|---------------------|---------------------|---------------------|---------------------|---------------|-----------|
| Soil Association    | Ecozone             | Area Signf          | CR Type             | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>           | <u>47</u> <u>48</u> | <u>49</u>     | <u>49</u> |
| State Register      | National Register   | E C F T F           | MS Number           | MS Number     | MS Number |
| <u>50</u>           | <u>51</u>           | <u>52</u> <u>53</u> | <u>54</u>           | <u>61</u>     | <u>61</u> |

Coder 5/1/81 Date Coded 10/1/81

1. Access Access to the site is 5 1/4 miles west of Neche. The site is south-east of Hyde Park Cemetary. One can take county highway 55 east of Walhalla to the bridge crossing the Pembina River. Just before the bridge, turn north, go north on a gravel section road 2 miles, turn east, go east about 3/4 mile, the site is about 1000 ft north of the road.
2. Description of Site The site is in a cultivated field.s This site is the location of Grant's Trading Post, which was built in 1860 and burned in 1880. A dense scatter of historic ceramics, glass and metal occurs on the surface of the ground. Grant's Trading Post and Hotel was an important stopping place for people traveling from Pembina to St. Joseph (now Walhalla).
3. Description of Cultural Materials A large quantity of historic ceramics, glass and metal was recovered. A key to a door was found, molten glass (indicating intense heat), and several chipped stone artifacts. One rifle or musket size gun flint of dark chert or flint was also recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Johnson Farms
8. Vegetation Crops
9. Cover (% of visible ground) 100 %, plowed
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site, Grant's Trading Post and Hotel, was an important stopping place for area travelers. Its location is at the juncture of several major trails used in the early and mid 19th century. This site played an important part in the local history of the region. This site should have further investigations conducted.
17. Comments/References \_\_\_\_\_

Field Code USD-47NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph-  
ic quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.

B.W. ☒ Color ☐Photo I.D. Code \_\_\_\_\_  
USD-47 PembinaStorage Location \_\_\_\_\_  
USDAL

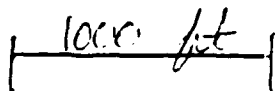
## SKETCH MAP

Map Key:

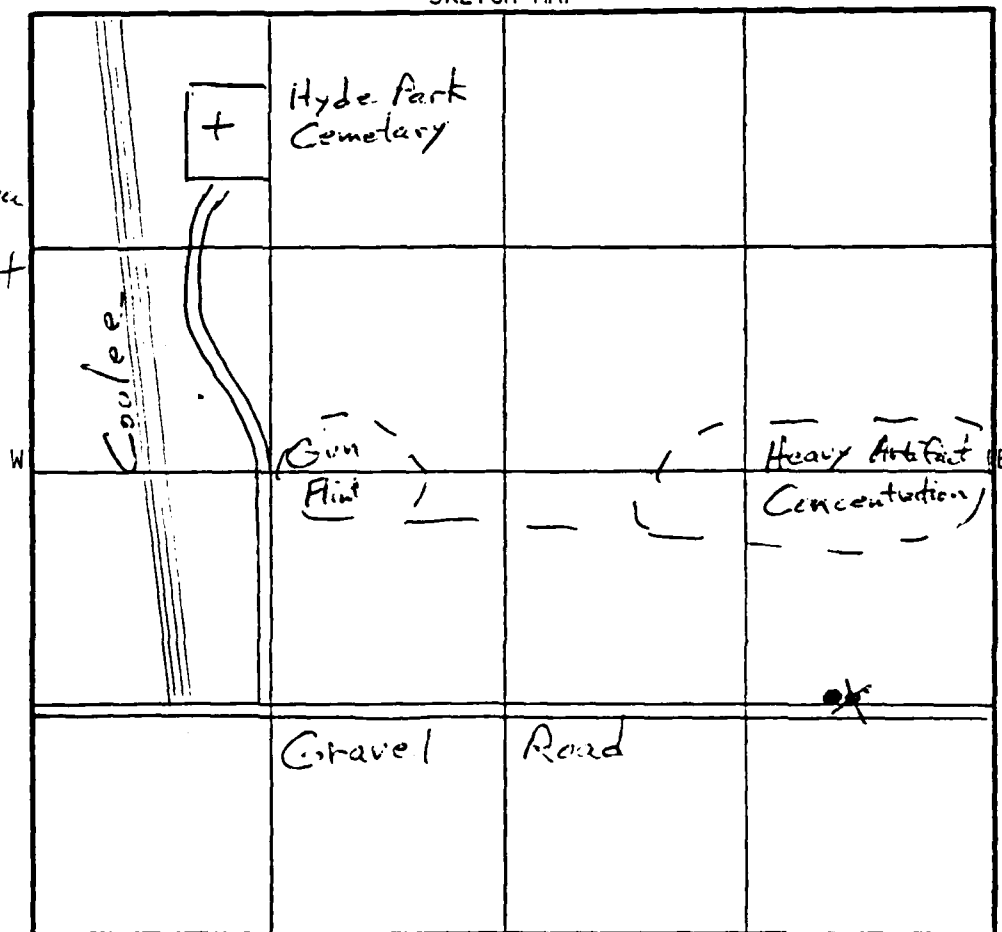
--- Site Area

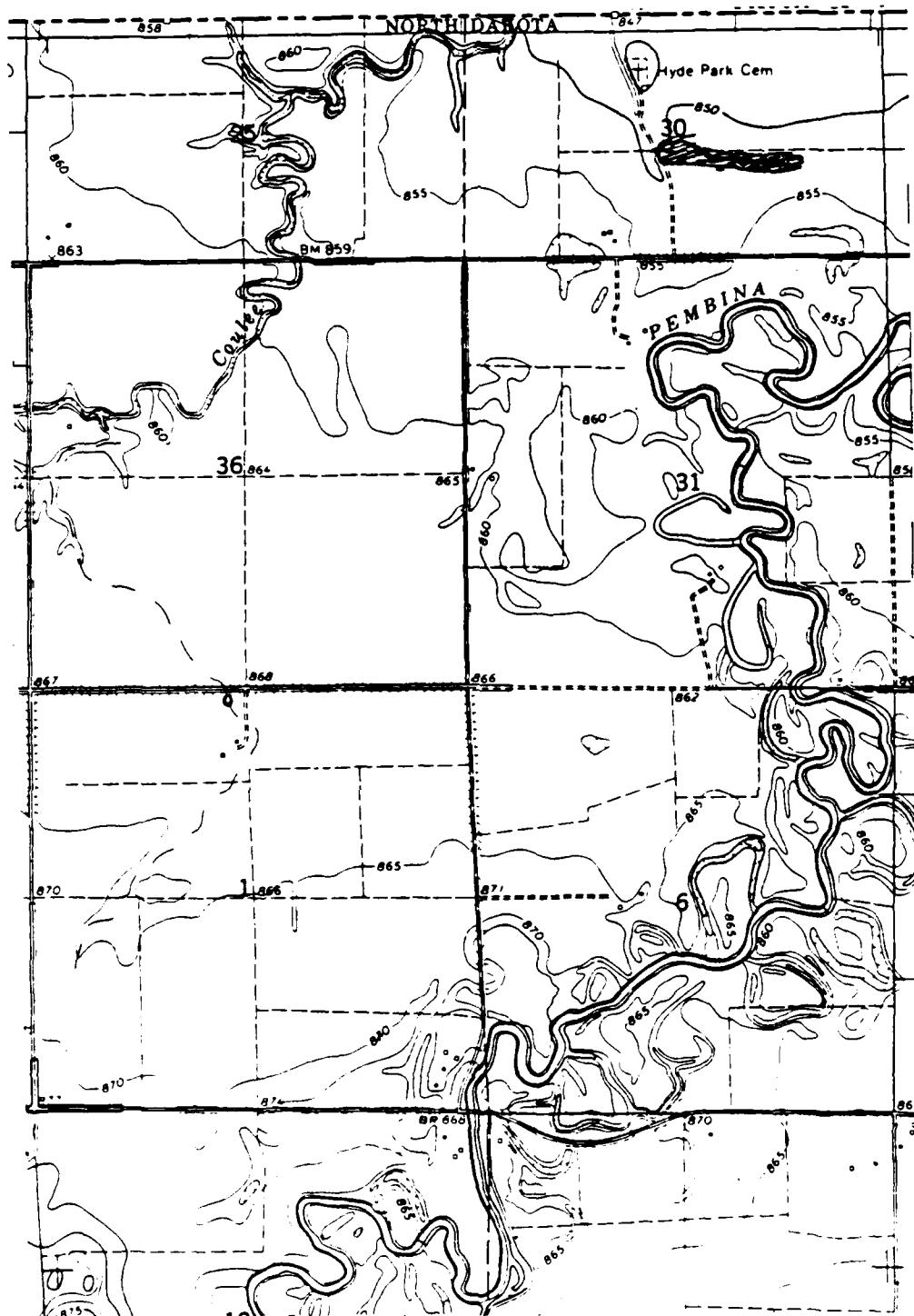
- metal datum post
- ✱ white plastic  
Datum post

Map Scale:



1000 ft

Recorded by Kenneth and Marie BrownDate 8/19/81



# BLISS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
030-40

Site Name  
\_\_\_\_\_

Map Quad  
030-40

SITS #

State County Site Number  
32 PE 32

LTL Twp R Sec QQQ QQ Q  
0 16.4 5431 4 5 5

LTL Twp R Sec QQQa QQa Qa  
0 16.4 5431 4 5 5

II. SITE DESCRIPTION

|                         |                      |                      |                            |                               |
|-------------------------|----------------------|----------------------|----------------------------|-------------------------------|
| SITE TYPE               |                      | CULTURAL MATERIAL    |                            | Site Area                     |
| 1                       | Conical Timber Lodge | 2                    | Bone (worked)              | 5 <u>50000</u> 12 12          |
| 3                       | CM Scatter           | 4                    | Ceramics (Native)          |                               |
| 13                      | Earthlodge Village   | 14                   | Charcoal                   |                               |
| 15                      | Earthworks           | 16                   | Copper (Native)            | Cultural Depth                |
| 17                      | Fortification        | 18                   | Faunal Remains (skeletal)  | 19 <u>21</u>                  |
| 22                      | Grave                | 23                   | Fire Cracked Rock          |                               |
| 24                      | Hearth               | 25                   | Floral Remains             | Depth Indicator               |
| 26                      | Jump                 | 27                   | Fossil                     | 28 <u>0</u>                   |
| 29                      | Mound                | 30                   | Hide, Hair, Fur            |                               |
| 31                      | Other Rock Features  | 32                   | Human Remains              | CULTURAL/TEMPORAL AFFILIATION |
| 33                      | Pit                  | 34                   | Projectile Point           | 37 <u>Paleo</u>               |
| 35                      | Quarry/Mine          | 36                   | Shell (worked)             | 40 <u>Archaic</u>             |
| 38                      | Rock Art             | 39                   | Stone, chipped             | 43 <u>Late Prehistoric</u>    |
| 41                      | Rock Shelter         | 42                   | Stone, ground              | 46 <u>47 Historic</u>         |
| 44                      | Stone Circle         | 45                   | Trade Good (non-Native)    | 50 <u>L</u> Period Unknown    |
| 48                      | Trail (not recent)   | 49                   | Wood (worked)              |                               |
| 51                      | Miscellaneous        | 52                   | Other                      |                               |
| 53 <u>Isolated Find</u> |                      | 54 <u>CM Density</u> | 55 <u>Basis for Dating</u> |                               |

III. ENVIRONMENT

|                 |                 |                 |              |                |
|-----------------|-----------------|-----------------|--------------|----------------|
| Landform 1      | Landform 2      | Slope/Exposure  | View, degree | View, distance |
| <u>56</u>       | <u>57 58</u>    | <u>59 60</u>    | <u>61</u>    | <u>62</u>      |
| Elevation       | Drainage System | Dist Perm Water |              |                |
| <u>261</u> m.   | <u>515</u>      | <u>5</u> m.     |              |                |
| Perm Water Type | Dist Seas Water | Seas Water Type | Ecosystem    |                |
| <u>27</u>       | <u>28 32</u>    | <u>33</u>       | <u>34 37</u> |                |

IV. C.R.M.

|                        |                           |            |           |            |
|------------------------|---------------------------|------------|-----------|------------|
| Ownership              | Site Condition            | Collection | Test      | Excavation |
| <u>38</u>              | <u>39</u>                 | <u>40</u>  | <u>41</u> | <u>42</u>  |
| Fieldwork Date         | Management Recommendation |            |           |            |
| <u>0308</u>            | <u>2</u>                  |            |           |            |
| Additional Information |                           |            |           |            |

OFFICE USE ONLY

|                  |                   |            |           |               |           |
|------------------|-------------------|------------|-----------|---------------|-----------|
| Soil Association | Ecozone           | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41 43</u>     | <u>44 45</u>      | <u>46</u>  | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register   | National Register | E C F      | T F       | MS Number     |           |
| <u>50</u>        | <u>51</u>         | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder 0308-05 Date Coded 0308

Field Code USD-48

## NDCRS ARCHEOLOGY SITE FORM

## Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 5 miles west of Nече,  $\frac{1}{2}$  south of Hyde Park Cemetery. The site is between the gravel section road and the Pembina River.
2. Description of Site The site is in a cultivated field, with old channel scars visible. A thin scatter of bone fragments, and a few chipped stone artifacts were recovered from the surface of the ground. Local farmers have collected old lead bullets (muzzle loading type) from around the area. The site is adjacent to the Pembina River and is just south of Grant's Trading Post, located  $\frac{1}{2}$  mile north. No cultural features were observed.
3. Description of Cultural Materials Some bone fragments and some chipped stone artifacts were recovered. No culturally diagnostic artifacts were recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Kathleen Kollack
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The site's location close to Grant's Trading Post and the finding of historic rifle bullets (muzzle loading type) makes this site worth further investigation. Local rumor has it that U.S. troops used to camp in this area on their travels from Pembina to St. Joseph (now Walhalla).
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/19/81

Field Code USD-48NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

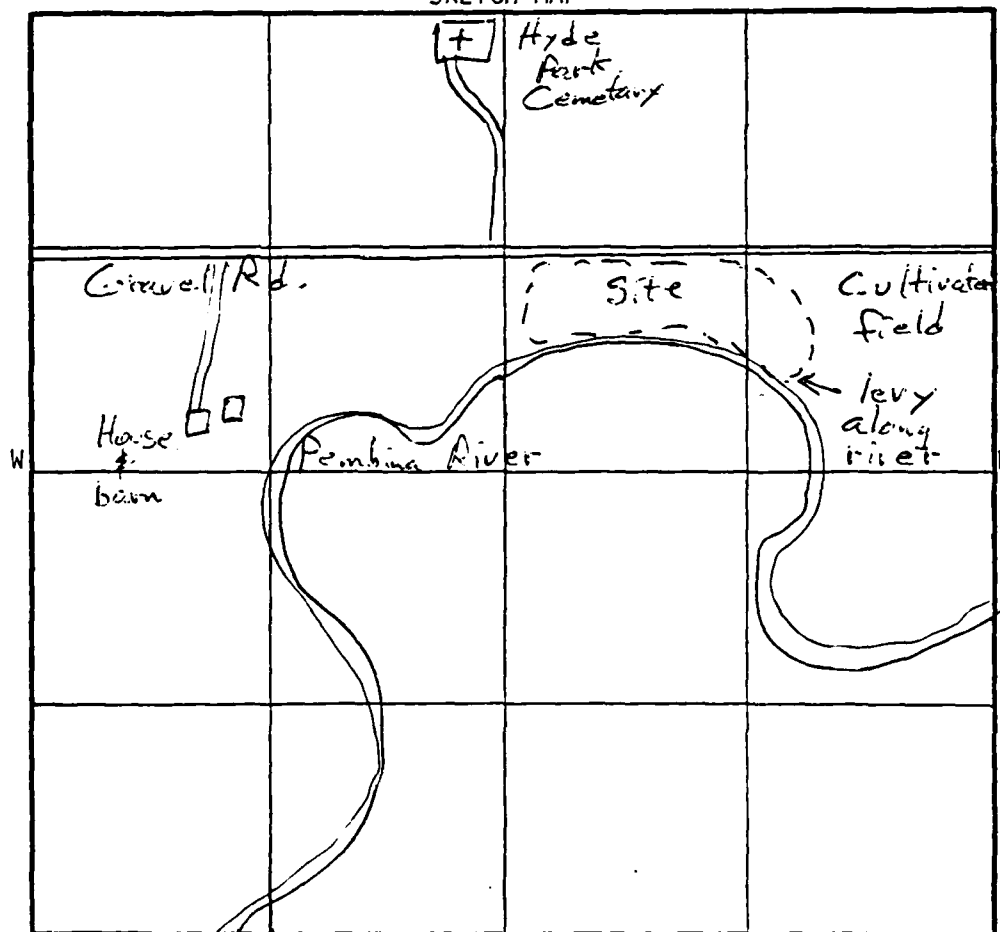
Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.

B.W. ☒ Color ☐Photo I.D. Code \_\_\_\_\_  
USD-48 PembinaStorage Location \_\_\_\_\_  
USDAL

SKETCH MAP

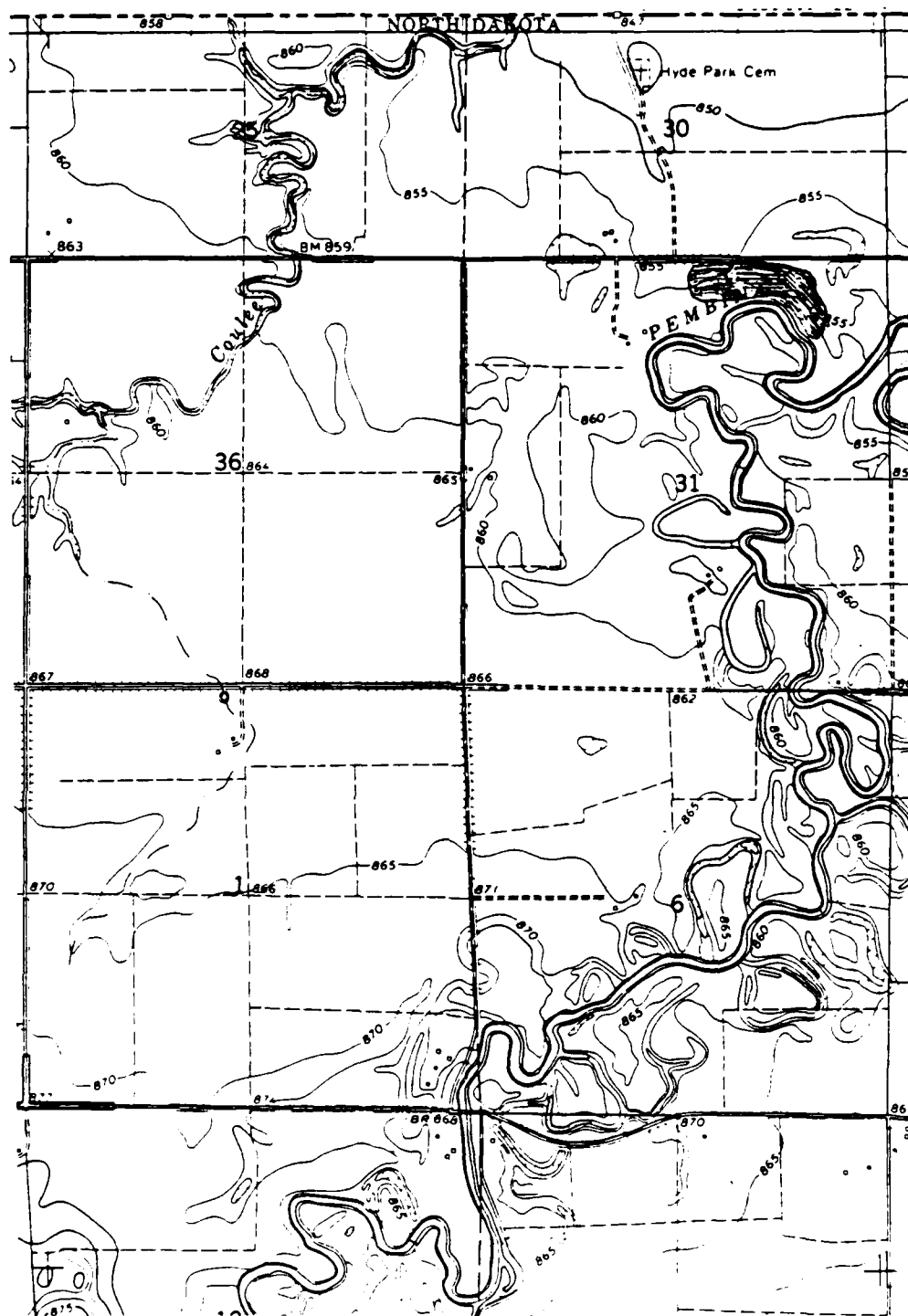
Map Key:



Map Scale:

1000 ftRecorded by Kenneth and Marie BrownDate 8/19/81





# HOORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

|                             |                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------|
| Field Code<br><u>150-49</u> | SITS #<br>State <u>32</u> County <u>FD</u> Site Number <u>33</u>                               |
| Site Name<br><u>LEAD</u>    | LTL Twp R Sec QQQ QQ Q<br><u>0</u> <u>162</u> <u>56</u> <u>2</u> <u>4</u> <u>5</u> <u>2</u>    |
| Map Quad<br><u>LEAD</u>     | LTL Twp R Sec QQQa QQa Qa<br><u>0</u> <u>162</u> <u>56</u> <u>2</u> <u>5</u> <u>8</u> <u>7</u> |

II. SITE DESCRIPTION

|                                                  |                                                                  |                                              |
|--------------------------------------------------|------------------------------------------------------------------|----------------------------------------------|
| SITE TYPE                                        | CULTURAL MATERIAL                                                | Site Area                                    |
| 1 <input type="checkbox"/> Conical Timber Lodge  | 2 <input type="checkbox"/> Bone (worked)                         | 5 <u>37500</u> $12 m^2$                      |
| 3 <input checked="" type="checkbox"/> CM Scatter | 4 <input type="checkbox"/> Ceramics (Native)                     | Cultural Depth                               |
| 13 <input type="checkbox"/> Earthlodge Village   | 14 <input type="checkbox"/> Charcoal                             | 19 <input type="checkbox"/> 21               |
| 15 <input type="checkbox"/> Earthworks           | 16 <input type="checkbox"/> Copper (Native)                      | Depth Indicator                              |
| 17 <input type="checkbox"/> Fortification        | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 28 <u>0</u>                                  |
| 22 <input type="checkbox"/> Grave                | 23 <input type="checkbox"/> Fire Cracked Rock                    | CULTURAL/TEMPORAL AFFILIATION                |
| 24 <input type="checkbox"/> Hearth               | 25 <input type="checkbox"/> Floral Remains                       | 37 <input type="checkbox"/> Paleo            |
| 26 <input type="checkbox"/> Jump                 | 27 <input type="checkbox"/> Fossil                               | 40 <input type="checkbox"/> Archaic          |
| 29 <input type="checkbox"/> Mound                | 30 <input type="checkbox"/> Hide, Hair, Fur                      | 43 <input type="checkbox"/> Late Prehistoric |
| 31 <input type="checkbox"/> Other Rock Features  | 32 <input type="checkbox"/> Human Remains                        | 46 <u>1047</u> Historic                      |
| 33 <input type="checkbox"/> Pit                  | 34 <input type="checkbox"/> Projectile Point                     | 50 <input type="checkbox"/> Period Unknown   |
| 35 <input type="checkbox"/> Quarry/Mine          | 36 <input type="checkbox"/> Shell (worked)                       |                                              |
| 38 <input type="checkbox"/> Rock Art             | 39 <input checked="" type="checkbox"/> Stone, chipped            |                                              |
| 41 <input type="checkbox"/> Rock Shelter         | 42 <input type="checkbox"/> Stone, ground                        |                                              |
| 44 <input type="checkbox"/> Stone Circle         | 45 <input type="checkbox"/> Trade Good (non-Native)              |                                              |
| 48 <input type="checkbox"/> Trail (not recent)   | 49 <input type="checkbox"/> Wood (worked)                        |                                              |
| 51 <input type="checkbox"/> Miscellaneous        | 52 <input checked="" type="checkbox"/> Other                     |                                              |
| 53 <input type="checkbox"/> Isolated Find        | CM Density                                                       | Basis for Dating                             |
|                                                  | 54 <u>1</u>                                                      | 55 <u>3</u>                                  |

III. ENVIRONMENT

|                             |                                                      |                                  |                                  |                            |
|-----------------------------|------------------------------------------------------|----------------------------------|----------------------------------|----------------------------|
| Landform 1<br><u>2</u>      | Landform 2<br><u>10</u>                              | Slope/Exposure<br><u>2</u>       | View, degree<br><u>2</u>         | View, distance<br><u>1</u> |
| Elevation<br><u>2</u> m.    | Drainage System<br><u>DEVELOPE RIVER-TO-ENTRANCE</u> | Dist Perm Water<br><u>800</u> m. |                                  |                            |
| Perm Water Type<br><u>0</u> | Dist Seas Water<br><u>28</u> <u>32</u>               | Seas Water Type<br><u>33</u>     | Ecosystem<br><u>34</u> <u>37</u> |                            |

IV. C.R.N.

|                                                                 |                                       |                         |                  |                         |
|-----------------------------------------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|
| Ownership<br><u>38</u>                                          | Site Condition<br><u>0</u>            | Collection<br><u>39</u> | Test<br><u>0</u> | Excavation<br><u>40</u> |
| Fieldwork Date<br><u>1981</u>                                   | Management Recommendation<br><u>2</u> |                         |                  |                         |
| Additional Information<br><u>CHIEF S. FOR C. CERAMICS GLASS</u> |                                       |                         |                  |                         |

OFFICE USE ONLY

|                                         |                                |                         |                      |                            |                       |
|-----------------------------------------|--------------------------------|-------------------------|----------------------|----------------------------|-----------------------|
| Soil Association<br><u>41</u> <u>43</u> | Ecozone<br><u>44</u> <u>45</u> | Area Signf<br><u>46</u> | CR Type<br><u>47</u> | Verified Site<br><u>48</u> | Non-Site<br><u>49</u> |
| State Register<br><u>50</u>             | National Register<br><u>51</u> | E C F<br><u>52</u>      | T F<br><u>53</u>     | MS Number<br><u>54</u>     | <u>61</u>             |

Coder

Date Coded

# NOORS SITE FORM ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code

030-119

Site Name

19 38

Map Quad

15661 51 68

SITS #

State County Site Number

3 2 11 13 15 18

LTL Twp R Sec QQQ QQ Q

0 16 2 56 2 6 2 8

39 40 47 48 49 50

LTL<sup>a</sup> Twp<sup>a</sup> R<sup>a</sup> Sec<sup>a</sup> QQQ<sup>a</sup> QQ<sup>a</sup> Q<sup>a</sup>

0 16 2 56 2 6 2 8

69 70 77 78 79 80

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE
6. SE
7. SW
8. NW
9. C

II. SITE DESCRIPTION

## SITE TYPE

- 1 ☐ Conical Timber Lodge
- 3 ☐ CM Scatter
- 13 ☐ Earthlodge Village
- 15 ☐ Earthworks
- 17 ☐ Fortification
- 22 ☐ Grave
- 24 ☐ Hearth
- 26 ☐ Jump
- 29 ☐ Mound
- 31 ☐ Other Rock Features
- 33 ☐ Pit
- 35 ☐ Quarry/Mine
- 38 ☐ Rock Art
- 41 ☐ Rock Shelter
- 44 ☐ Stone Circle
- 48 ☐ Trail (not recent)
- 51 ☐ Miscellaneous

## CULTURAL MATERIAL

- 2 ☐ Bone (worked)
- 4 ☐ Ceramics (Native)
- 14 ☐ Charcoal
- 16 ☐ Copper (Native)
- 18 ☐ Faunal Remains (skeletal)
- 23 ☐ Fire Cracked Rock
- 25 ☐ Floral Remains
- 27 ☐ Fossil
- 30 ☐ Hide, Hair, Fur
- 32 ☐ Human Remains
- 34 ☐ Projectile Point
- 36 ☐ Shell (worked)
- 39 ☐ Stone, chipped
- 42 ☐ Stone, ground
- 45 ☐ Trade Good (non-Native)
- 49 ☐ Wood (worked)
- 52 ☐ Other

## Site Area

5 12 m<sup>2</sup>

## Cultural Depth

19 21

## Depth Indicator

28

## CULTURAL/TEMPORAL AFFILIATION

- 37 ☐ Paleo
- 40 ☐ Archaic
- 43 ☐ Late Prehistoric
- 46 ☐ 47 Historic
- 50 ☐ Period Unknown

## CM Density

54

## Basis for Dating

55

53 ☐ Isolated Find

III. ENVIRONMENT

Landform 1

Landform 2

Slope/Exposure

View, degree

View, distance

56

57 58

59 60

61

62

Elevation

Drainage System

Dist Perm Water

63 67 m.

1 21

22 26 m.

Perm Water Type

Dist Seas Water

Seas Water Type

Ecosystem

27

28 32

33

34 37

Ownership

Site Condition

Collection

Test

Excavation

38

39

40

41

42

Fieldwork Date

Management Recommendation

43 48

49

Additional Information

1 40

OFFICE USE ONLY

Soil Association

Ecozone

Area Signf

CR Type

Verified Site

Non-Site

41 43

44 45

46

47

48

49

State Register

National Register

E C F

T F

MS Number

50

51

52

53

54

61

Coder

Date Coded

## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-49Descriptive Section  
page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 3 miles south of Walhalla on highway 32, turn east onto county road (paved). Go east 3 3/4 mile, turn north onto a gravel road which intersects at an angle. Go north 1/2 mile. The site is on the west side of the road on the hill slope.
2. Description of Site The site is in a cultivated field located on a hill slope. A thin scatter of chipped stone and historic glass and ceramics were collected from the surface of the ground. The historic artifacts are concentrated at the north end of the site near a shallow ravine. The prehistoric chipped stone artifacts and bones were from the higher areas of the hill slope.
3. Description of Cultural Materials Bone fragments and some chipped stone artifacts were recovered. No culturally diagnostic artifacts were recovered. A large quantity of historic glass, ceramics and metal were recovered. The bottle necks indicate a late 19th century occupation.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Unknown
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance A large collection of prehistoric artifacts in the collection of Jay Wessels, a local collector, indicates this may be an important prehistoric site. It appears to be late prehistoric. The historic artifacts indicate an early farmstead at the site. This should be checked out.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/19/81

Field Code USD-49

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topogra  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.



B.W. ☒ Color ☐

Photo I.D. Code  
USD-49 Pembina

Storage Location  
USDAL

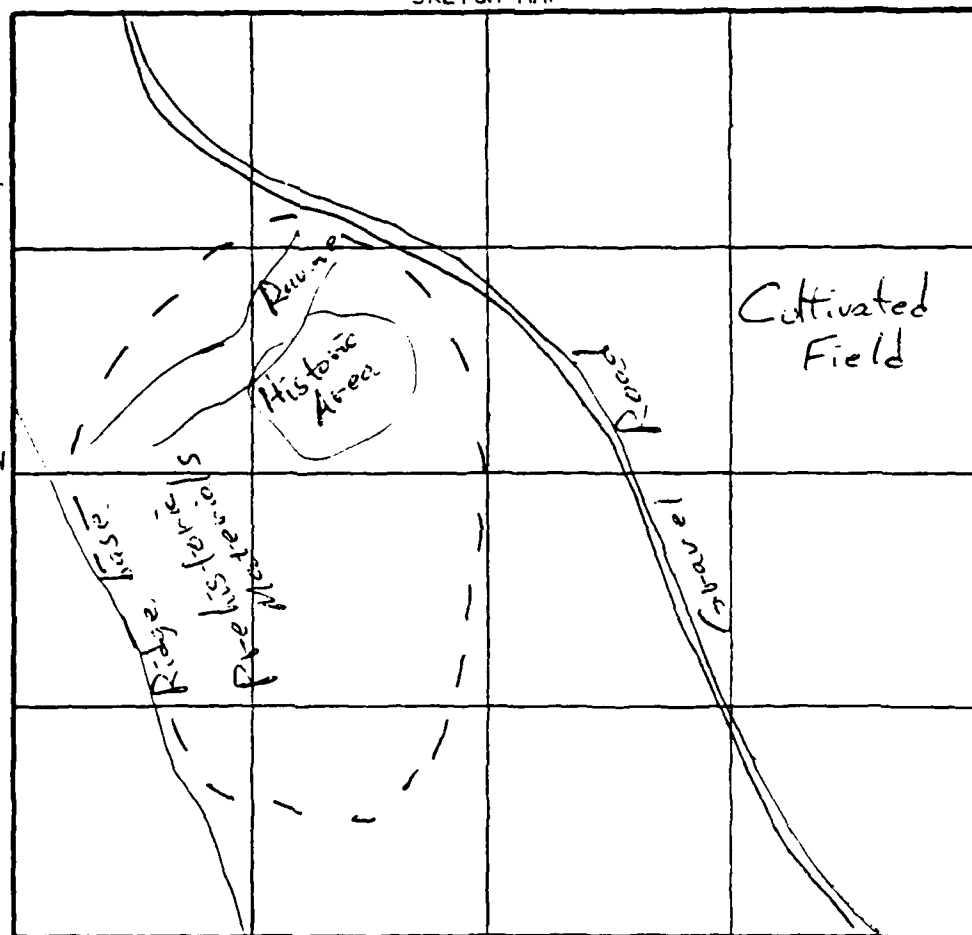
SKETCH MAP

Map Key:

--- Site area

Map Scale:

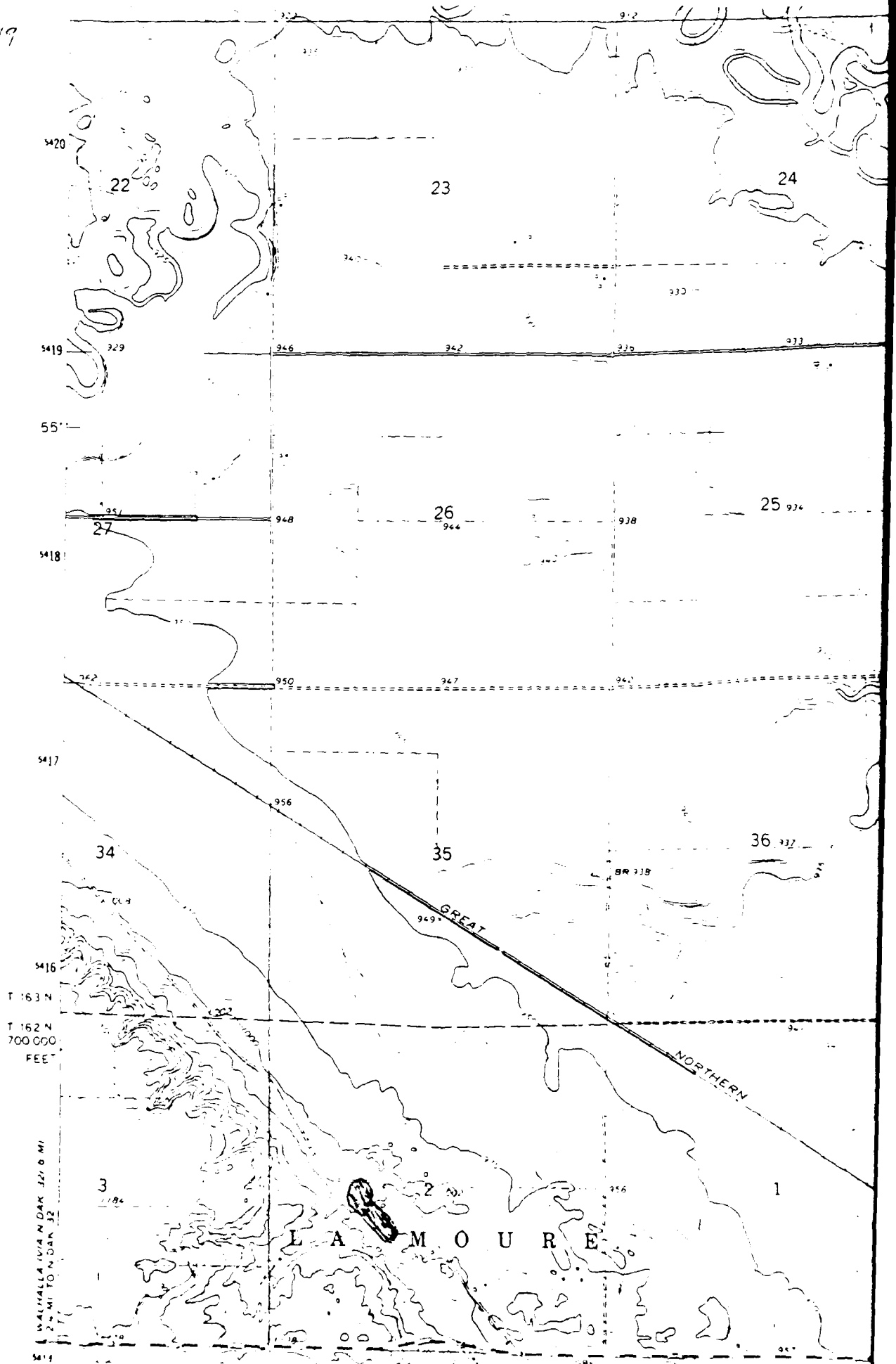
250 ft



Recorded by Kenneth and Marie Brown

Date 8/19/81

USDA-49



# NOORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
130-51

Site Name  
\_\_\_\_\_

Map Quad  
130-51

SITS #

State 32 County FB Site Number 34

LTL 0 Twp 163 R 56 Sec 11 QQQ 7 QQ 8 Q 7

LTL<sub>a</sub> 0 Twp<sub>a</sub> 163 R<sub>a</sub> 56 Sec<sub>a</sub> 11 QQQ<sub>a</sub> 7 QQ<sub>a</sub> 8 Q<sub>a</sub> 7

1. N<sub>1</sub>
2. E<sub>1</sub>
3. S<sub>1</sub>
4. W<sub>1</sub>
5. NE
6. SE
7. SW
8. NW
9. C

II. SITE DESCRIPTION

|                        |                      |                   |                           |                                   |
|------------------------|----------------------|-------------------|---------------------------|-----------------------------------|
| SITE TYPE              |                      | CULTURAL MATERIAL |                           | Site Area                         |
| 1                      | Conical Timber Lodge | 2                 | Bone (worked)             | 5 <u>137.50</u> 12 m <sup>2</sup> |
| 3                      | CM Scatter           | 4                 | Ceramics (Native)         |                                   |
| 13                     | Earthlodge Village   | 14                | Charcoal                  |                                   |
| 15                     | Earthworks           | 16                | Copper (Native)           | Cultural Depth                    |
| 17                     | Fortification        | 18                | Faunal Remains (skeletal) | 19 _____ 21                       |
| 22                     | Grave                | 23                | Fire Cracked Rock         | Depth Indicator                   |
| 24                     | Hearth               | 25                | Floral Remains            | 28 <u>0</u>                       |
| 26                     | Jump                 | 27                | Fossil                    |                                   |
| 29                     | Mound                | 30                | Hide, Hair, Fur           | CULTURAL/TEMPORAL AFFILIATION     |
| 31                     | Other Rock Features  | 32                | Human Remains             | 37 _____ Paleo                    |
| 33                     | Pit                  | 34                | Projectile Point          | 40 _____ Archaic                  |
| 35                     | Quarry/Mine          | 36                | Shell (worked)            | 43 _____ Late Prehistoric         |
| 38                     | Rock Art             | 39                | Stone, chipped            | 46 <u>10.47</u> Historic          |
| 41                     | Rock Shelter         | 42                | Stone, ground             | 50 _____ Period Unknown           |
| 44                     | Stone Circle         | 45                | Trade Good (non-Native)   |                                   |
| 48                     | Trail (not recent)   | 49                | Wood (worked)             |                                   |
| 51                     | Miscellaneous        | 52                | Other                     |                                   |
| 53 _____ Isolated Find |                      | CM Density        | 54 <u>1</u>               | Basis for Dating                  |
|                        |                      |                   |                           | 55 <u>3</u>                       |

III. ENVIRONMENT

|                   |                           |                           |                           |                |
|-------------------|---------------------------|---------------------------|---------------------------|----------------|
| Landform 1        | Landform 2                | Slope/Exposure            | View, degree              | View, distance |
| 56 <u>10</u>      | 57 <u>10</u> 58 <u>10</u> | 59 <u>10</u> 60 <u>10</u> | 61 <u>10</u>              | 62 <u>10</u>   |
| Elevation         | Drainage System           | Dist Perm Water           |                           |                |
| 63 <u>1000</u> m. | 64 <u>PERMANENT RIVER</u> | 65 <u>1150</u> m.         |                           |                |
| Perm Water Type   | Dist Seas Water           | Seas Water Type           | Ecosystem                 |                |
| 66 <u>1</u>       | 67 <u>28</u> 68 <u>32</u> | 69 <u>33</u>              | 70 <u>34</u> 71 <u>37</u> |                |

IV. C.R.M.

|                   |                           |             |             |             |
|-------------------|---------------------------|-------------|-------------|-------------|
| Ownership         | Site Condition            | Collection  | Test        | Excavation  |
| 72 <u>1</u>       | 73 <u>0</u>               | 74 <u>3</u> | 75 <u>0</u> | 76 <u>0</u> |
| Fieldwork Date    | Management Recommendation |             |             |             |
| 77 <u>8-20-85</u> | 78 <u>1</u>               |             |             |             |

OFFICE USE ONLY

|                                                      |                                        |              |              |                                                                                                         |          |
|------------------------------------------------------|----------------------------------------|--------------|--------------|---------------------------------------------------------------------------------------------------------|----------|
| Additional Information                               |                                        |              |              |                                                                                                         |          |
| <u>CM - HISTORIC CERAMICS, GLASS, BRICK, PLASTIC</u> |                                        |              |              |                                                                                                         |          |
| OFFICE USE ONLY                                      |                                        |              |              |                                                                                                         |          |
| Soil Association                                     | Ecozone                                | Area Signf   | CR Type      | Verified Site                                                                                           | Non-Site |
| 79 <u>43</u>                                         | 80 <u>44</u> 81 <u>45</u> 82 <u>46</u> | 83 <u>47</u> | 84 <u>48</u> | 85 <u>49</u>                                                                                            |          |
| State Register                                       | National Register                      | E C F        | T F          | MS Number                                                                                               |          |
| 86 <u>50</u>                                         | 87 <u>51</u>                           | 88 <u>52</u> | 89 <u>53</u> | 90 <u>54</u> 91 <u>55</u> 92 <u>56</u> 93 <u>57</u> 94 <u>58</u> 95 <u>59</u> 96 <u>60</u> 97 <u>61</u> |          |

Coder 130-51

Date Coded 8-20-85

Field Code USD-51NBCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla on highway 32, then turn east onto county highway 55, go east 2 miles, turn south onto a gravel section road, go south 3/4 mile to edge of ridge, site is on the east side of the road.
2. Description of Site The site is in a cultivated field on the edge of a ridge. A thin scatter of historic ceramics, glass, brick, plastic and bones were recovered. A single barn still stands as does a large shade tree. The site is a historic farmstead with no visible features other than one intact barn.
3. Description of Cultural Materials A large collection of glass, ceramics and brick was made. None provides a absolute date.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Emma Metelmann
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This historic site appears to be an old farmstead. A literature and records search is being conducted. It appears it is of no historical or architectural significance and does not warrant additional investigations.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/20/81



Field Code USD-51

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.



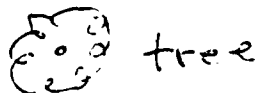
B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-51 Pembina

Storage Location \_\_\_\_\_  
USDAL

SKETCH MAP

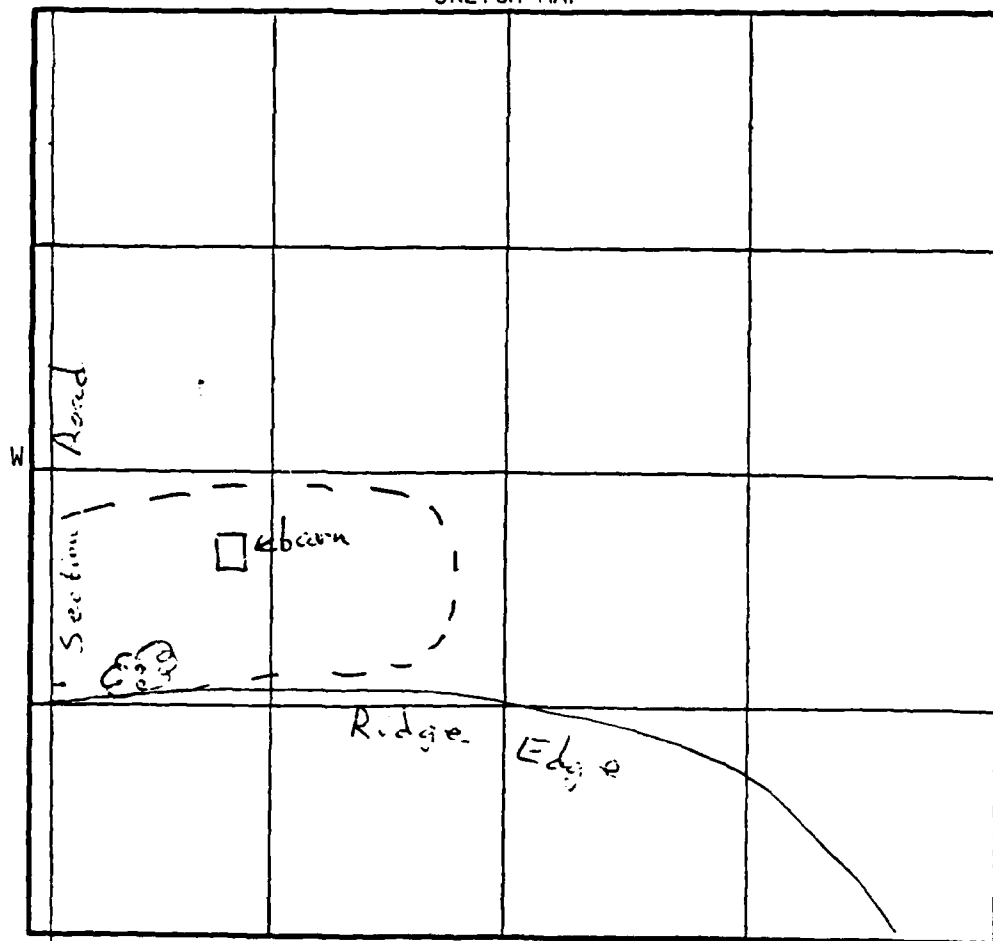
Map Key:



---  
site area

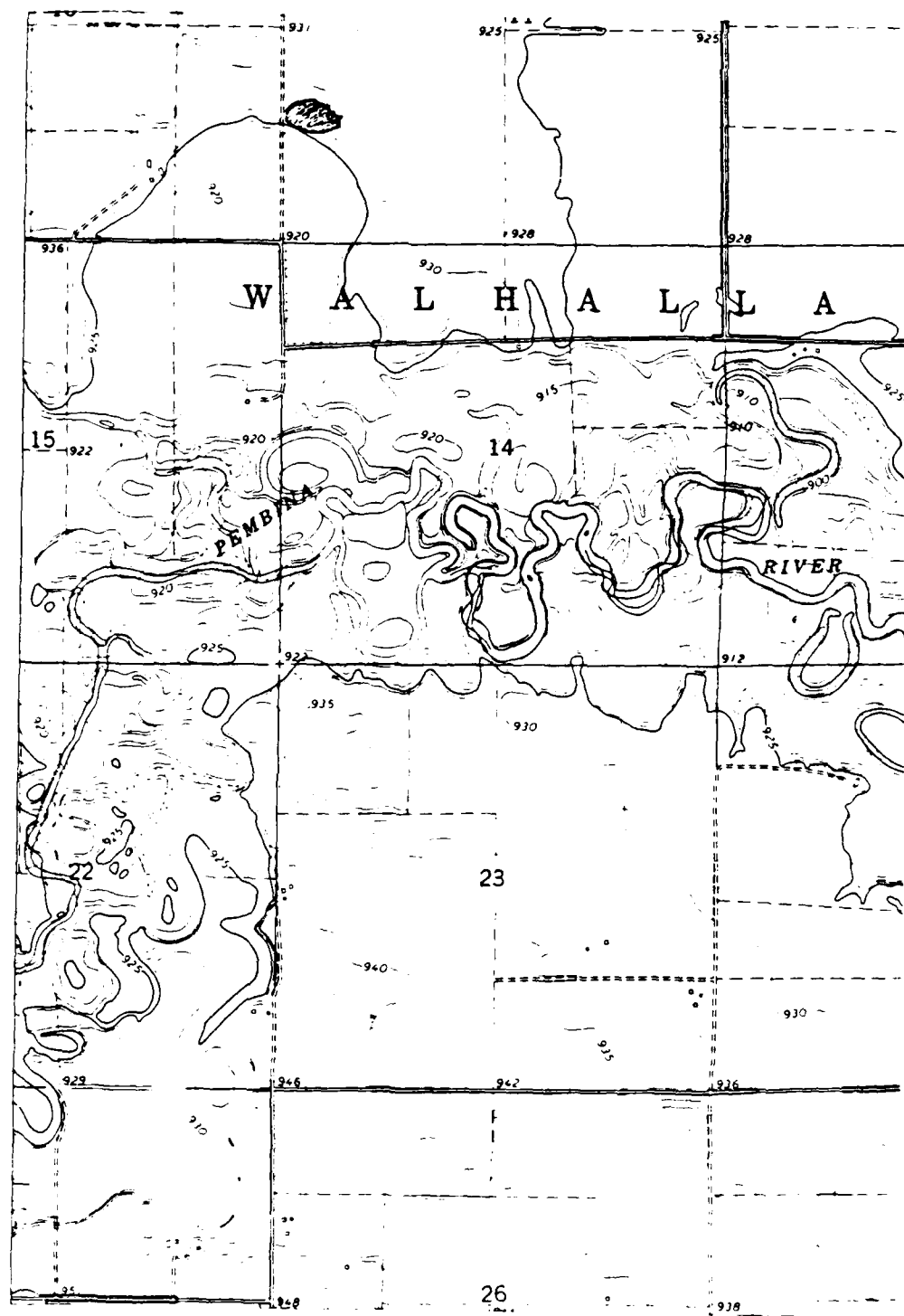
Map Scale:

1 100 Ft



Recorded by Kenneth and Marie Brown

Date 8/20/81



# UNIVERSITY OF MICHIGAN ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code

LSO-53

Site Name

19 38

Map Quad

11-11-11

SITS #

State County Site Number

3 2 12 35

LTL Twp R Sec QQQ QQ Q

0 163 56 19 7 8 5

LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>

69 70 77 78 79 80

1. Pa
2. S
3. S
4. W
5. NE
6. SE
7. SW
8. NW
9. C

II. SITE DESCRIPTION

SITE TYPE

- 1 ☐ Conical Timber Lodge
- 3 ☐ CM Scatter
- 13 ☐ Earthlodge Village
- 15 ☐ Earthworks
- 17 ☐ Fortification
- 22 ☐ Grave
- 24 ☐ Hearth
- 26 ☐ Jump
- 29 ☐ Mound
- 31 ☐ Other Rock Features
- 33 ☐ Pit
- 35 ☐ Quarry/Mine
- 38 ☐ Rock Art
- 41 ☐ Rock Shelter
- 44 ☐ Stone Circle
- 48 ☐ Trail (not recent)
- 51 ☐ Miscellaneous

CULTURAL MATERIAL

- 2 ☐ Bone (worked)
- 4 ☐ Ceramics (Native)
- 14 ☐ Charcoal
- 16 ☐ Copper (Native)
- 18 ☒ Faunal Remains (skeletal)
- 23 ☐ Fire Cracked Rock
- 25 ☐ Floral Remains
- 27 ☐ Fossil
- 30 ☐ Hide, Hair, Fur
- 32 ☐ Human Remains
- 34 ☐ Projectile Point
- 36 ☐ Shell (worked)
- 39 ☒ Stone, chipped
- 42 ☐ Stone, ground
- 45 ☐ Trade Good (non-Native)
- 49 ☐ Wood (worked)
- 52 ☒ Other

Site Area

5 262.50 12 m<sup>2</sup>

Cultural Depth

19 21

Depth Indicator

28 0

CULTURAL/TEMPORAL  
AFFILIATION

- 37 ☐ Paleo
- 40 ☐ Archaic
- 43 ☐ Late Prehistoric
- 46 ☒ 10 47 Historic
- 50 ☐ Period Unknown

III. ENVIRONMENT

Landform 1

2 56

Landform 2

2 57 58

Slope/Exposure

10 59 60

View, degree

2 61

View, distance

2 62

Elevation

300 m.

Drainage System

1 2 3 4 5 6 7 8 9 10

Dist Perm Water

125 m.

Perm Water Type

1 27

Dist Seas Water

28 32

Seas Water Type

33

Ecosystem

34 37

IV. C.R.M.

Ownership

3 38

Site Condition

0 39

Collection

3 40

Test

0 41

Excavation

0 42

Fieldwork Date

2 4 8

Management Recommendation

2 49

Additional Information

CM-10-10-10 CERAMICS GLASS METAL

OFFICE USE ONLY

Soil Association

41 43

Ecozone

44 45

Area Signf

46

CR Type

47

Verified Site

48

Non-Site

49

State Register

50

National Register

51

E C F

52

T F

53

MS Number

54

61

Coder

Date Coded

1. Access Access to the site is west of Walhalla on highway 55. turn north onto the first gravel section road west of the Walhalla Inn, go north 3/4 mile, turn west onto gravel road, go west 1/2 mile. The site is on the north side of the road.
2. Description of Site The site is in a cultivated field at the base of a hill slope. There is an old slough on the north edge of the site. A scatter of chipped stone artifacts, bone fragments, and historic glass, ceramics and metal were collected. This appears to have been the site of a trading post, possibly one of Henry's trading posts.
3. Description of Cultural Materials Bone fragments, bison/cow size were recovered, chipped stone artifacts (local collectors have large quantities of points, etc), historic glass and ceramics, metal etc. Ted Dunnigan, a local collector has a brass trade medal which he found on the site.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Inga McDonald
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 6
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Carl Kartes, Ted Dunnigan, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The large quantity of prehistoric and historic artifacts, dating to the mid 1850's, indicates this is probably an important trading location of the time. This site may be one of Henry's trading posts. This site should be further investigated.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie Brown Date 8/17/81

Field Code USD-53NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

## TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.

B.W. ☒ Color ☐Photo I.D. Code \_\_\_\_\_  
USD-53 PembinaStorage Location \_\_\_\_\_  
USDAL

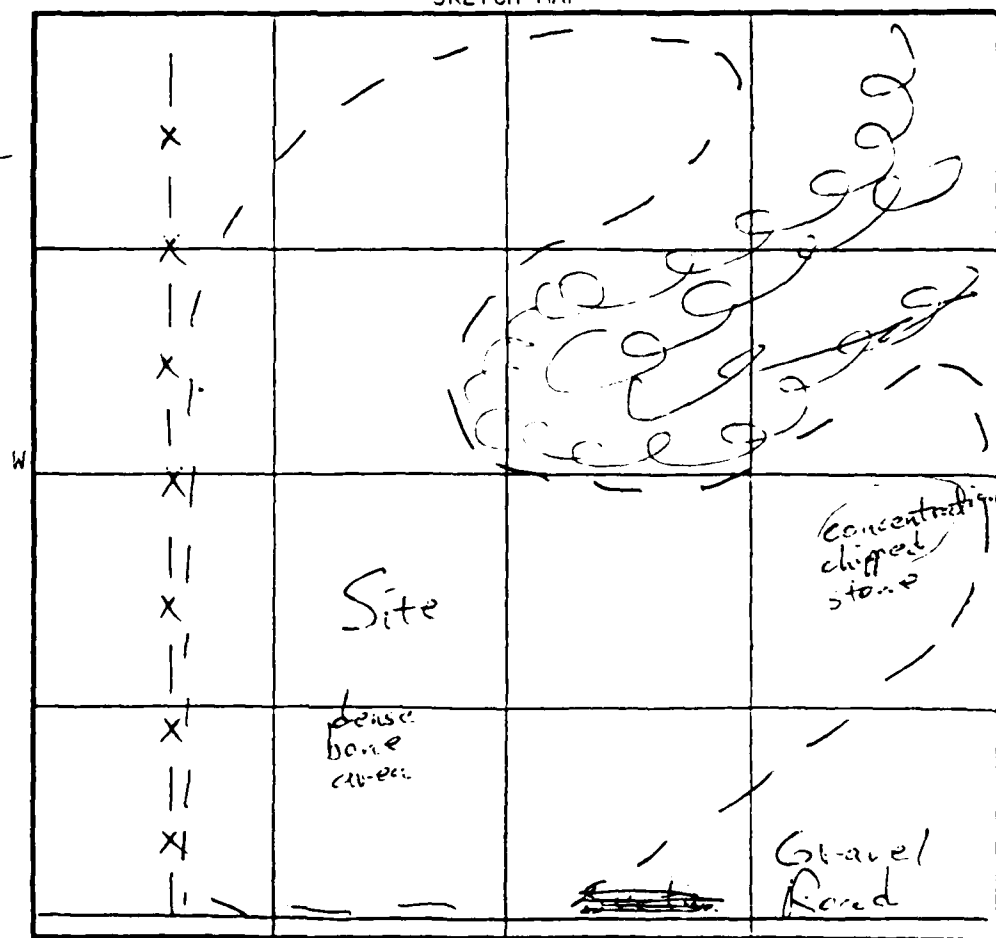
## SKETCH MAP

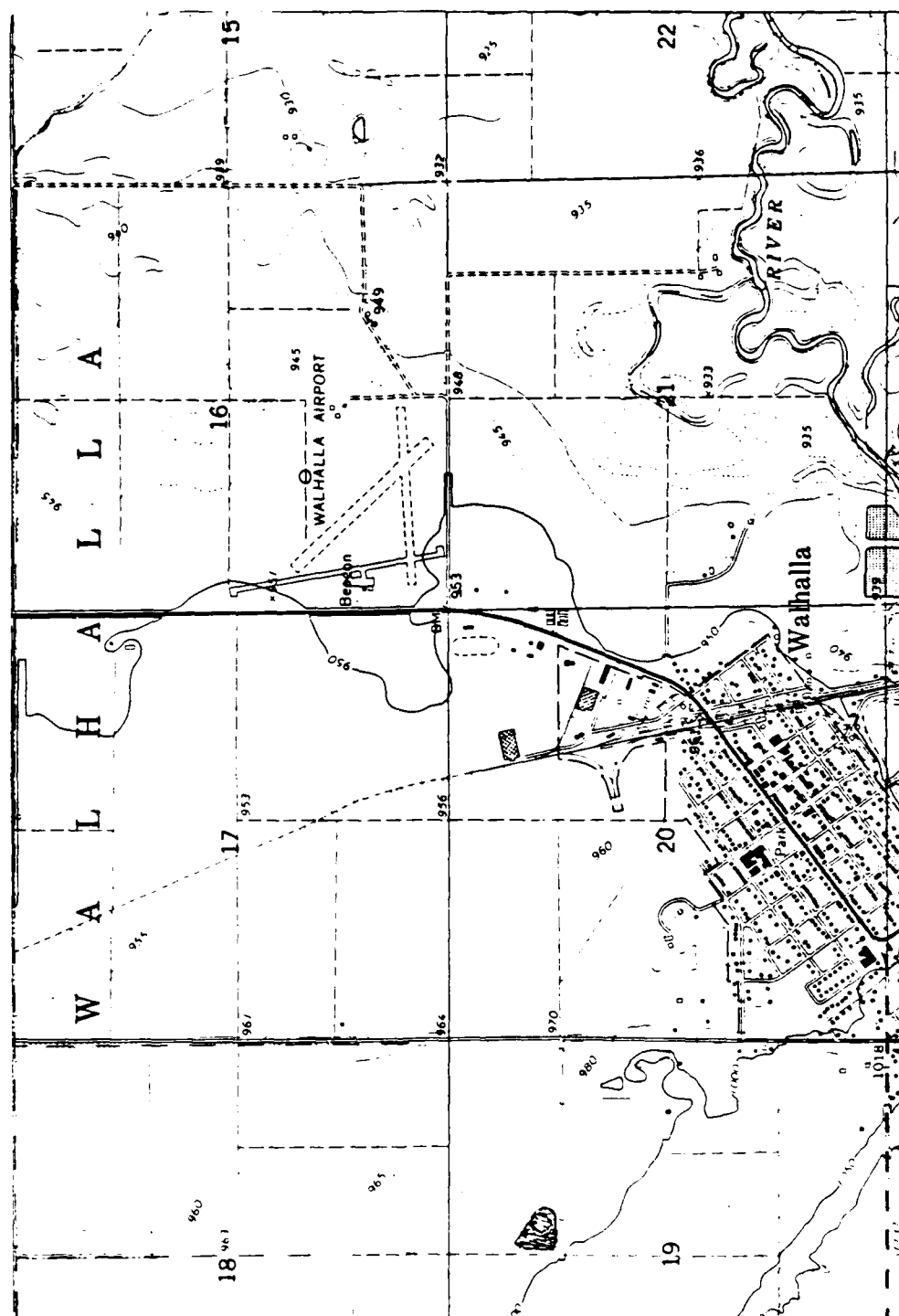
Map Key:

- X - Fence

*cell*  
slough---  
site area

Map Scale:

100 ftRecorded by Kenneth and Marie BrownDate 8.17/81



# MOORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code

151-35  
10

Site Name

19 38

Map Quad

15-04  
51 68

SITS #

State County Site Number

32 PB 36  
11 13 15 18

LTL Twp R Sec QQQ QQ Q  
5 163 55 12 8 6 8  
39 40 47 48 49 50

LTL Twp R Sec QQQa QQa Qa  
5a 163a 55a 12a 8a 6a 8a  
69 70 77 78 79 80

1. NW
2. NE
3. SW
4. SE
5. NW
6. NE
7. SW
8. SE
9. C

II. SITE DESCRIPTION

|                                                 |                                                       |                                                |                                               |                                              |
|-------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------------|----------------------------------------------|
| SITE TYPE                                       |                                                       | CULTURAL MATERIAL                              |                                               | Site Area                                    |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)              | 3 <input type="checkbox"/> CM Scatter          | 4 <input type="checkbox"/> Ceramics (Native)  | 5 <u>20000</u> 12 m <sup>2</sup>             |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                  | 15 <input type="checkbox"/> Earthworks         | 16 <input type="checkbox"/> Copper (Native)   | Cultural Depth                               |
| 17 <input type="checkbox"/> Fortification       | 18 <input type="checkbox"/> Faunal Remains (skeletal) | 19 <input type="checkbox"/> Grave              | 20 <input type="checkbox"/> Fire Cracked Rock | 21 <u>21</u>                                 |
| 22 <input type="checkbox"/> Grave               | 23 <input type="checkbox"/> Floral Remains            | 24 <input type="checkbox"/> Hearth             | 25 <input type="checkbox"/> Fossil            | Depth Indicator                              |
| 26 <input type="checkbox"/> Jump                | 27 <input type="checkbox"/> Hide, Hair, Fur           | 28 <input type="checkbox"/> Mound              | 29 <input type="checkbox"/> Human Remains     | 28 <u>0</u>                                  |
| 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Projectile Point          | 33 <input type="checkbox"/> Pit                | 34 <input type="checkbox"/> Shell (worked)    | CULTURAL/TEMPORAL AFFILIATION                |
| 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Stone, chipped            | 37 <input type="checkbox"/> Rock Art           | 38 <input type="checkbox"/> Stone, ground     | 37 <input type="checkbox"/> Paleo            |
| 41 <input type="checkbox"/> Rock Shelter        | 39 <input type="checkbox"/> Trade Good (non-Native)   | 40 <input type="checkbox"/> Stone Circle       | 41 <input type="checkbox"/> Wood (worked)     | 40 <input type="checkbox"/> Archaic          |
| 44 <input type="checkbox"/> Trail (not recent)  | 42 <input type="checkbox"/> Other                     | 43 <input type="checkbox"/> Trail (not recent) | 44 <input type="checkbox"/> Other             | 43 <input type="checkbox"/> Late Prehistoric |
| 51 <input type="checkbox"/> Miscellaneous       | 45 <input type="checkbox"/> Other                     | 46 <input type="checkbox"/> Trail (not recent) | 47 <input type="checkbox"/> Other             | 46 <input type="checkbox"/> 47 Historic      |
|                                                 | 48 <input type="checkbox"/> Other                     | 49 <input type="checkbox"/> Trail (not recent) | 50 <input type="checkbox"/> Other             | 50 <input type="checkbox"/> Period Unknown   |
| 53 <input type="checkbox"/> Isolated Find       | CM Density                                            | 54 <u>1</u>                                    | Basis for Dating                              | 55 <u>1</u>                                  |

III. ENVIRONMENT

|                 |                        |                 |                     |                 |
|-----------------|------------------------|-----------------|---------------------|-----------------|
| Landform 1      | Landform 2             | Slope/Exposure  | View, degree        | View, distance  |
| <u>1</u>        | <u>10</u>              | <u>10</u>       | <u>2</u>            | <u>3</u>        |
| 56              | 57 58                  | 59 60           | 61                  | 62              |
| Elevation       | Drainage System        |                 |                     | Dist Perm Water |
| <u>280</u> m.   | <u>PANHANDLE RIVER</u> |                 |                     | <u>1000</u> m.  |
| 63 67           | 1                      | 21              | 22                  | 26              |
| Perm Water Type | Dist Seas Water        | Seas Water Type | Ecosystem           |                 |
| <u>5</u>        | <u>28</u> <u>32</u>    | <u>33</u>       | <u>34</u> <u>37</u> |                 |

IV. C.R.M.

|                        |                           |            |          |            |
|------------------------|---------------------------|------------|----------|------------|
| Ownership              | Site Condition            | Collection | Test     | Excavation |
| <u>3</u>               | <u>0</u>                  | <u>3</u>   | <u>0</u> | <u>0</u>   |
| 38                     | 39                        | 40         | 41       | 42         |
| Fieldwork Date         | Management Recommendation |            |          |            |
| <u>151-35</u>          | <u>2</u>                  |            |          |            |
| 43 48                  | 49                        |            |          |            |
| Additional Information |                           |            |          |            |
| <u>1</u> <u>40</u>     |                           |            |          |            |

OFFICE USE ONLY

|                     |                     |            |           |               |           |
|---------------------|---------------------|------------|-----------|---------------|-----------|
| Soil Association    | Ecozone             | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register      | National Register   | E C F      | T F       | MS Number     |           |
| <u>50</u>           | <u>51</u>           | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder 151-35

Date Coded 151-35

## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-55Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla on highway 32,  
turn east onto highway 55, go east 4 miles, turn south onto a gravel section  
road, go south 1 1/2 miles, the site is east of the road about 1/2 mile.
2. Description of Site The site is in a cultivated field on the edge of a ridge  
A thin scatter of chipped stone artifacts were collected from the surface of  
the ground. No culturally diagnostic artifacts were recovered. No cultural  
features were observed.
3. Description of Cultural Materials A few chipped stone artifacts were collected.  
None are culturally diagnostic. Some of the local collectors, Jay Wessels,  
has a large collection from this site. It appears to be late prehistoric.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address James O'Keefe and Randall Melaas
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed Jay Wessels, Walhalla
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The large quantity of chipped stone artifacts  
-from this site by Jay Wessels indicates it is an important prehistoric site  
in the area. There may be buried cultural materials. This site should  
be further investigated.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 10/10/81



SITS Number

Mark the boundaries of site on the topographic section.

B. Wyttyl ~~SECRET~~

USD-55 Pembina

USDAI

Map Key:

Map Scale:

500 Fr

Section Aard

|         |      |
|---------|------|
| shelter | belt |
|---------|------|

Cultivated

Field

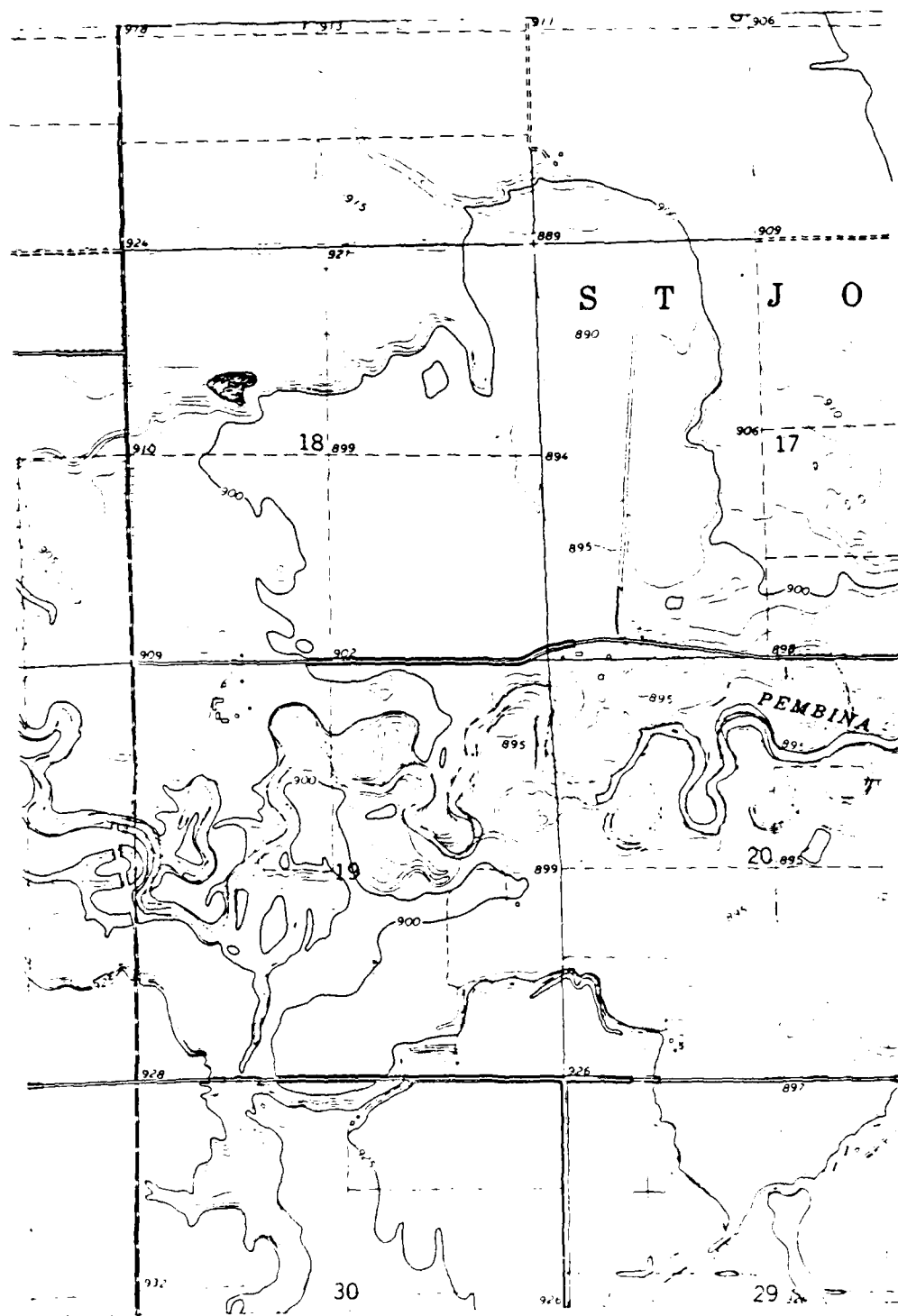
Site

ridge edge

Cultivated Field

Recorded by Kenneth and Marie Brown

Date 10/10/81



# NDORS SITE FORM ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code

USD-26

Site Name

MASAGRE SITE

Map Quad

WAL-44

SITS #

State County Site Number

32 PE 32

LTL Twp R Sec QQQ QQ Q  
0 163 5628 1 6 5

LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
69 70 77 78 79 80

II. SITE DESCRIPTION

|                                                 |                                                       |                                              |                   |           |
|-------------------------------------------------|-------------------------------------------------------|----------------------------------------------|-------------------|-----------|
| SITE TYPE                                       |                                                       | CULTURAL MATERIAL                            |                   | Site Area |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)              | 5 <u>10,000</u>                              | 12 m <sup>2</sup> |           |
| 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)          | Cultural Depth                               |                   |           |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                  | 19 <u>21</u>                                 |                   |           |
| 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)           | Depth Indicator                              |                   |           |
| 17 <input type="checkbox"/> Fortification       | 18 <input type="checkbox"/> Faunal Remains (skeletal) | 28 <u>0</u>                                  |                   |           |
| 22 <input type="checkbox"/> Grave               | 23 <input type="checkbox"/> Fire Cracked Rock         | CULTURAL/TEMPORAL AFFILIATION                |                   |           |
| 24 <input type="checkbox"/> Hearth              | 25 <input type="checkbox"/> Floral Remains            | 37 <input type="checkbox"/> Paleo            |                   |           |
| 26 <input type="checkbox"/> Jump                | 27 <input type="checkbox"/> Fossil                    | 40 <input type="checkbox"/> Archaic          |                   |           |
| 29 <input type="checkbox"/> Mound               | 30 <input type="checkbox"/> Hide, Hair, Fur           | 43 <input type="checkbox"/> Late Prehistoric |                   |           |
| 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Human Remains             | 46 <u>1047</u>                               | 47 Historic       |           |
| 33 <input type="checkbox"/> Pit                 | 34 <input type="checkbox"/> Projectile Point          | 50 <input type="checkbox"/> Period Unknown   |                   |           |
| 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Shell (worked)            |                                              |                   |           |
| 38 <input type="checkbox"/> Rock Art            | 39 <input type="checkbox"/> Stone, chipped            |                                              |                   |           |
| 41 <input type="checkbox"/> Rock Shelter        | 42 <input type="checkbox"/> Stone, ground             |                                              |                   |           |
| 44 <input type="checkbox"/> Stone Circle        | 45 <input type="checkbox"/> Trade Good (non-Native)   |                                              |                   |           |
| 48 <input type="checkbox"/> Trail (not recent)  | 49 <input type="checkbox"/> Wood (worked)             |                                              |                   |           |
| 51 <input type="checkbox"/> Miscellaneous       | 52 <input type="checkbox"/> Other                     |                                              |                   |           |
| 53 <input type="checkbox"/> Isolated Find       | CM Density                                            | Basis for Dating                             |                   |           |
|                                                 | 54 <u>4</u>                                           | 55 <u>8</u>                                  |                   |           |

III. ENVIRONMENT

|                 |                     |                 |                     |                |
|-----------------|---------------------|-----------------|---------------------|----------------|
| Landform 1      | Landform 2          | Slope/Exposure  | View, degree        | View, distance |
| <u>10</u>       | <u>10</u>           | <u>2</u>        | <u>3</u>            |                |
| 56              | 57 58               | 59 60           | 61                  | 62             |
| Elevation       | Drainage System     | Dist Perm Water |                     |                |
| <u>250</u> m.   | <u>PENEAR RIVER</u> | <u>650</u> m.   |                     |                |
| 63              | 67                  | 21              | 22                  | 26             |
| Perm Water Type | Dist Seas Water     | Seas Water Type | Ecosystem           |                |
| <u>6</u>        | <u>28</u> <u>32</u> | <u>33</u>       | <u>34</u> <u>37</u> |                |

IV. C.R.M.

|                |                           |            |          |            |
|----------------|---------------------------|------------|----------|------------|
| Ownership      | Site Condition            | Collection | Test     | Excavation |
| <u>0</u>       | <u>5</u>                  | <u>5</u>   | <u>0</u> | <u>0</u>   |
| 38             | 39                        | 40         | 41       | 42         |
| Fieldwork Date | Management Recommendation |            |          |            |
| <u>1993</u>    | <u>2</u>                  |            |          |            |
| 43             | 48                        | 49         |          |            |

OFFICE USE ONLY

Additional Information

MISCELLANEOUS-TOTAL MASAGRE SITE

1 40

|                     |                     |                     |           |               |           |
|---------------------|---------------------|---------------------|-----------|---------------|-----------|
| Soil Association    | Ecozone             | Area Signf          | CR Type   | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>           | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register      | National Register   | E C F T F           | MS Number |               |           |
| <u>50</u>           | <u>51</u>           | <u>52</u> <u>53</u> | <u>54</u> | <u>61</u>     |           |

Coder                     

Date Coded

## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-56

Descriptive Section

Site Number \_\_\_\_\_

Page 2

1. Access Access to the site is about 1 mile east of Walhalla on  
county highway 9, cross the railroad tracks and the first driveway going  
north, turn north into driveway and go north for about 1/2 mile. The site  
now has a house and garage on it.
2. Description of Site This site location is the location of the Indian  
massacre of the three martyrs of Walhalla. The original house is now gone.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Description of Cultural Materials No cultural materials were collected.  
An occupied house now stands on the sites location.  
\_\_\_\_\_  
\_\_\_\_\_
4. Artifact Repository None
5. Description of Subsurface Testing None  
\_\_\_\_\_
6. Current Use of Site Residence
7. Owner's Name/Address Richard Heidman
8. Vegetation grass, timber
9. Cover (% of visible ground) 0%
10. Man-hours spent on site 1
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title - Author K and M Brown
13. Other Published References \_\_\_\_\_
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. Statement of Significance This site location is an important local landmark  
for the local residents. This site location should be further investigated.  
A detailed literature and records search is now being conducted.  
\_\_\_\_\_  
\_\_\_\_\_
17. Comments/References \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 10/12/81

Field Code USD-56

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.



B. XXXX' 03163'

Photo I.D. Code \_\_\_\_\_

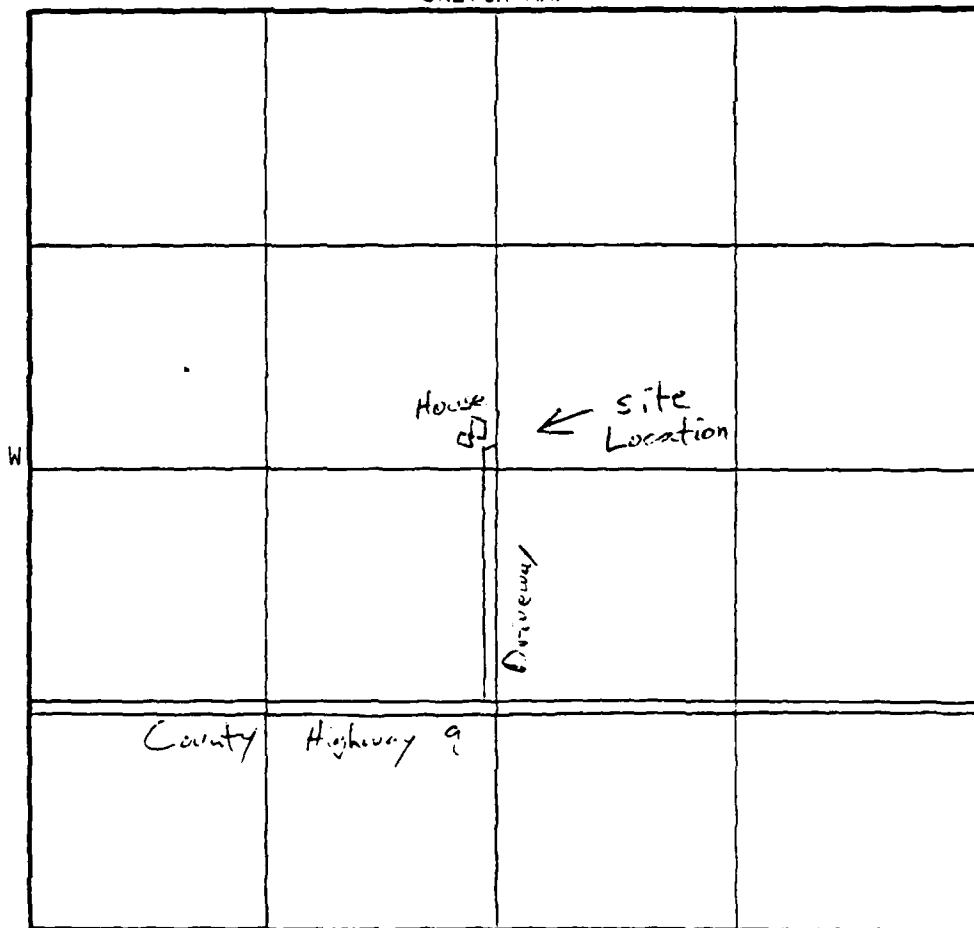
USD-56 Pembina

Storage Location \_\_\_\_\_

USDAL

N  
SKETCH MAP

Map Key:

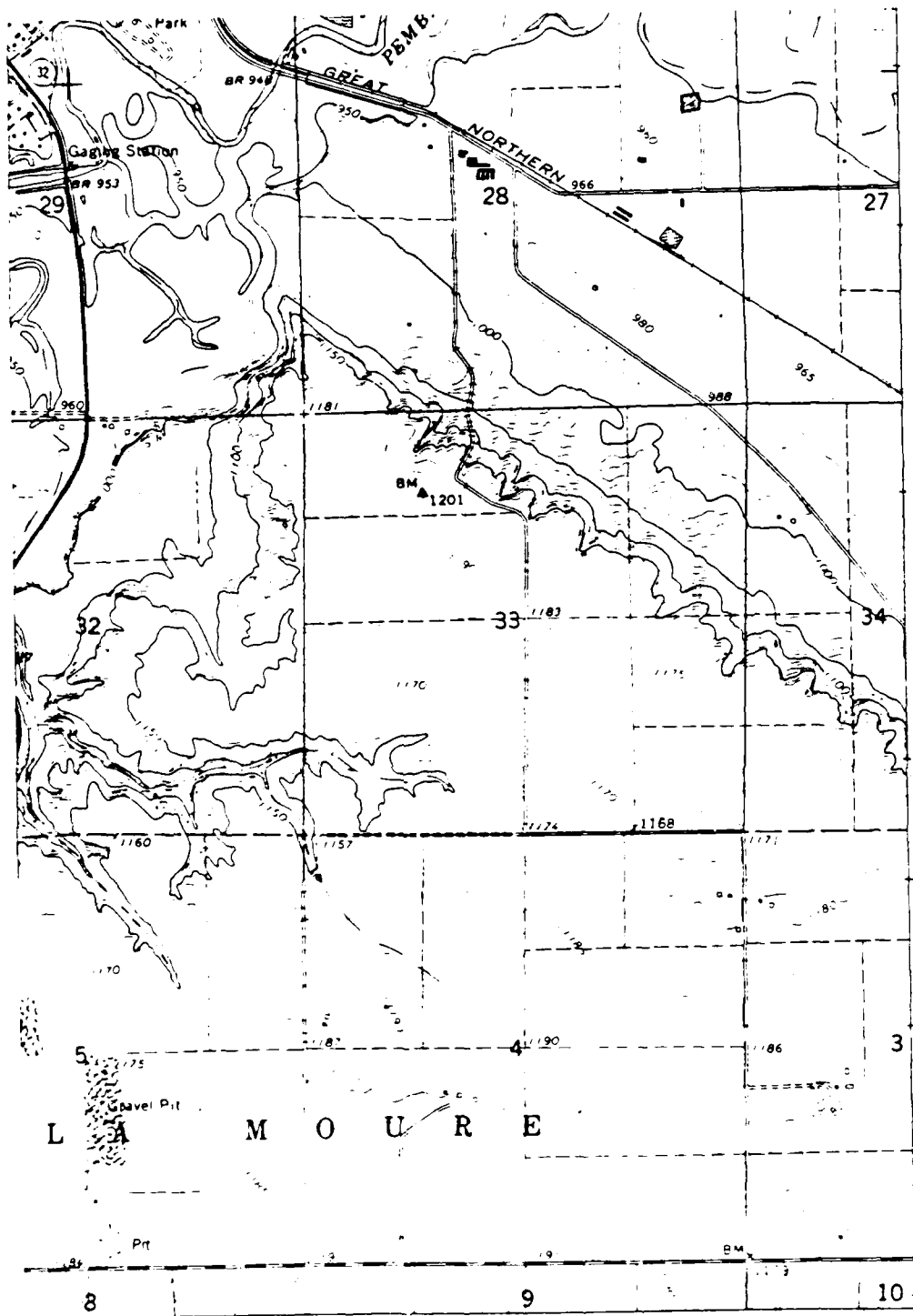


Map Scale:

300 ft.

Recorded by Kenneth and Marie Brown

Date 10/12/81



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 15-26 State 32 County PE Site Number 38  
 1 10 11 13 15 18  
 Site Name 163 5414 LTL Twp R Sec QQQ QQ Q  
 19 38 39 40 47 48 49 50  
 Map Quad 15-26 LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
 51 68 69 70 77 78 79 80

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

II. SITE DESCRIPTION

|                                                      |                                               |                             |                                                               |                                              |
|------------------------------------------------------|-----------------------------------------------|-----------------------------|---------------------------------------------------------------|----------------------------------------------|
| SITE TYPE                                            |                                               | CULTURAL MATERIAL           |                                                               | Site Area                                    |
| 1                                                    | <input type="checkbox"/> Conical Timber Lodge | 2                           | <input type="checkbox"/> Bone (worked)                        | 5 <u>11250</u> 12 m <sup>2</sup>             |
| 3                                                    | <input type="checkbox"/> CM Scatter           | 4                           | <input type="checkbox"/> Ceramics (Native)                    |                                              |
| 13                                                   | <input type="checkbox"/> Earthlodge Village   | 14                          | <input type="checkbox"/> Charcoal                             | Cultural Depth                               |
| 15                                                   | <input type="checkbox"/> Earthworks           | 16                          | <input type="checkbox"/> Copper (Native)                      | 19 <u>21</u>                                 |
| 17                                                   | <input type="checkbox"/> Fortification        | 18                          | <input checked="" type="checkbox"/> Faunal Remains (skeletal) | Depth Indicator                              |
| 22                                                   | <input type="checkbox"/> Grave                | 23                          | <input type="checkbox"/> Fire Cracked Rock                    | 28 <u>0</u>                                  |
| 24                                                   | <input type="checkbox"/> Hearth               | 25                          | <input type="checkbox"/> Floral Remains                       |                                              |
| 26                                                   | <input type="checkbox"/> Jump                 | 27                          | <input type="checkbox"/> Fossil                               |                                              |
| 29                                                   | <input type="checkbox"/> Mound                | 30                          | <input type="checkbox"/> Hide, Hair, Fur                      | CULTURAL/TEMPORAL                            |
| 31                                                   | <input type="checkbox"/> Other Rock Features  | 32                          | <input type="checkbox"/> Human Remains                        | AFFILIATION                                  |
| 33                                                   | <input type="checkbox"/> Pit                  | 34                          | <input type="checkbox"/> Projectile Point                     | 37 <input type="checkbox"/> Paleo            |
| 35                                                   | <input type="checkbox"/> Quarry/Mine          | 36                          | <input type="checkbox"/> Shell (worked)                       | 40 <input type="checkbox"/> Archaic          |
| 38                                                   | <input type="checkbox"/> Rock Art             | 39                          | <input type="checkbox"/> Stone, chipped                       | 43 <input type="checkbox"/> Late Prehistoric |
| 41                                                   | <input type="checkbox"/> Rock Shelter         | 42                          | <input type="checkbox"/> Stone, ground                        | 46 <u>1047</u> Historic                      |
| 44                                                   | <input type="checkbox"/> Stone Circle         | 45                          | <input type="checkbox"/> Trade Good (non-Native)              | 50 <input type="checkbox"/> Period Unknown   |
| 48                                                   | <input type="checkbox"/> Trail (not recent)   | 49                          | <input type="checkbox"/> Wood (worked)                        |                                              |
| 51                                                   | <input type="checkbox"/> Miscellaneous        | 52                          | <input type="checkbox"/> Other                                |                                              |
| 53 <input checked="" type="checkbox"/> Isolated Find |                                               | CM Density                  | Basis for Dating                                              |                                              |
|                                                      |                                               | 54 <input type="checkbox"/> | 55 <input type="checkbox"/>                                   |                                              |

III. ENVIRONMENT

Landform 1 1 Landform 2 5 Slope/Exposure 10 View, degree 61 View, distance 62  
 56 57 58 59 60 61 62  
 Elevation 270 m. Drainage System PERMANENT Dist Perm Water 25 m.  
 63 67 1 21 22 26  
 Perm Water Type 1 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34  
 27 32 37

IV. C.R.M.

Ownership 1 Site Condition 1 Collection 2 Test 0 Excavation 0  
 38 39 40 41 42  
 Fieldwork Date 1 Management Recommendation 1  
 43 48 49  
 Additional Information 1  
 1 40

OFFICE USE ONLY

Soil Association 41 Ecozone 44 Area Signf 45 CR Type 47 Verified Site 48 Non-Site 49  
 41 43 44 45 46 47 48 49  
 State Register 50 National Register 51 E C F T F MS Number 52  
 50 51 52 53 54 61

Coder 15-26 Date Coded 10-15-91

1. Access Access to the site is 2 miles north of Walhalla to Pembina 55  
highway, turn east, go east for 3 miles, turn south onto gravel section  
road, go south 1½ miles to end of section road, and continue south across  
cultivated field until you reach the Pembina River. Site is about 3/4 mile west.
2. Description of Site The site is in a cultivated field adjacent to the  
Pembina River. A thin scatter of bone fragments, glass, and a rifle  
cartridge were recovered from the surface of the ground. No cultural  
features were discernible.
3. Description of Cultural Materials Several bone fragments, broken historic  
glass and a rifle cartridge were recovered. No prehistoric materials,  
other than the bone, (possibly prehistoric), were recovered or observed.  
This appears to be a possible historic trash dumping site.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Theodore Bjornstad
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site is considered a find spot, which  
is likely to have been a historic trash dumping area. This site does not  
warrant further investigation.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8.12/81



Field Code USD-26

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

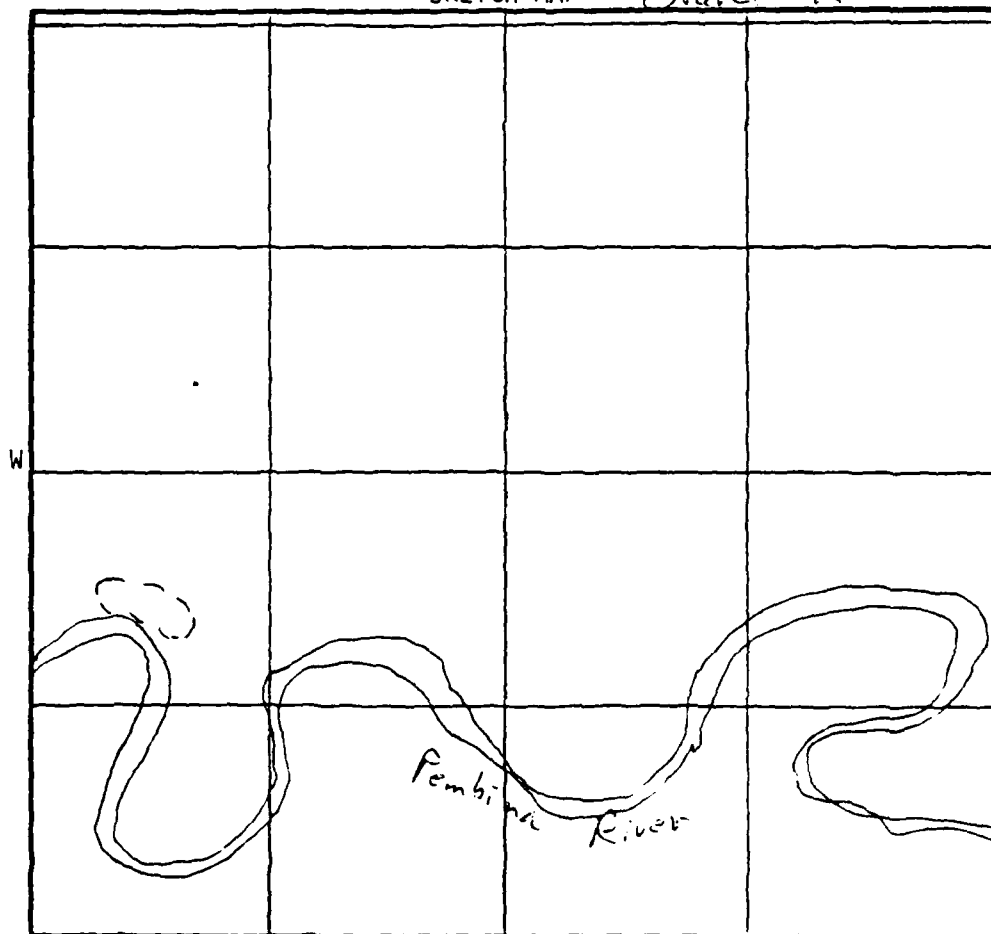
USD-26 Pembina

Storage Location USDAI

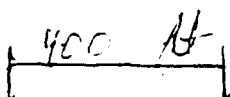
SKETCH MAP

Gravel Rd.

Map Key:



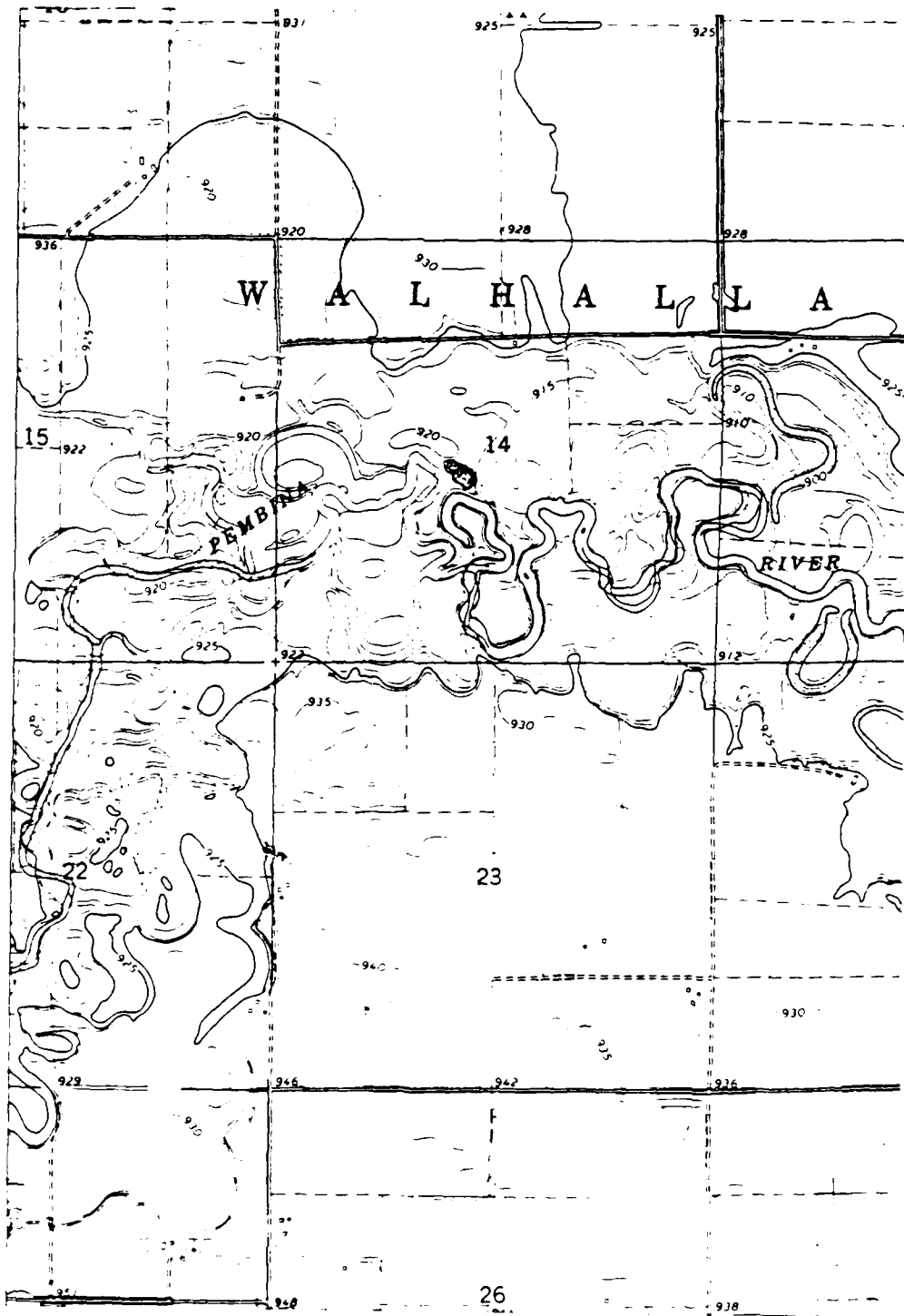
Map Scale:



Recorded by Kenneth and Marie Brown

Date 8/12/81

USA-26



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

Field Code USD-18 SITS #  
State 32 County FD Site Number 121  
1 10 11 13 15 18  
Site Name GLASS HOUSE LTL Twp R Sec QQQ QQ Q  
19 38 39 40 47 48 49 50  
Map Quad WAL-LLA LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
51 68 69 70 77 78 79 80

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

| SITE TYPE               |                      | CULTURAL MATERIAL |                           | Site Area                       |
|-------------------------|----------------------|-------------------|---------------------------|---------------------------------|
| 1                       | Conical Timber Lodge | 2                 | Bone (worked)             | 5 <u>1500</u> 12 m <sup>2</sup> |
| 3                       | CM Scatter           | 4                 | Ceramics (Native)         |                                 |
| 13                      | Earthlodge Village   | 14                | Charcoal                  | Cultural Depth                  |
| 15                      | Earthworks           | 16                | Copper (Native)           | 19 <u>21</u>                    |
| 17                      | Fortification        | 18                | Faunal Remains (skeletal) | Depth Indicator                 |
| 22                      | Grave                | 23                | Fire Cracked Rock         | 28 <u>2</u>                     |
| 24                      | Hearth               | 25                | Floral Remains            | CULTURAL/TEMPORAL AFFILIATION   |
| 26                      | Jump                 | 27                | Fossil                    | 37 <u>Paleo</u>                 |
| 29                      | Mound                | 30                | Hide, Hair, Fur           | 40 <u>Archaic</u>               |
| 31                      | Other Rock Features  | 32                | Human Remains             | 43 <u>Late Prehistoric</u>      |
| 33                      | Pit                  | 34                | Projectile Point          | 46 <u>47 Historic</u>           |
| 35                      | Quarry/Mine          | 36                | Shell (worked)            | 50 <u>Period Unknown</u>        |
| 38                      | Rock Art             | 39                | Stone, chipped            |                                 |
| 41                      | Rock Shelter         | 42                | Stone, ground             |                                 |
| 44                      | Stone Circle         | 45                | Trade Good (non-Native)   |                                 |
| 48                      | Trail (not recent)   | 49                | Wood (worked)             |                                 |
| 51                      | Miscellaneous        | 52                | Other                     |                                 |
| 53 <u>Isolated Find</u> |                      | CM Density        | Basis for Dating          |                                 |
|                         |                      | 54 <u>1</u>       | 55 <u>3</u>               |                                 |

| Landform 1              | Landform 2                             | Slope/Exposure                 | View, degree | View, distance |
|-------------------------|----------------------------------------|--------------------------------|--------------|----------------|
| 6 <u>6</u>              | 7 <u>7</u>                             | 5 <u>5</u>                     | 4 <u>4</u>   | 3 <u>3</u>     |
| 56                      | 57 58                                  | 59 60                          | 61           | 62             |
| Elevation <u>288</u> m. | Drainage System <u>PERMANENT RIVER</u> | Dist Perm Water <u>1000</u> m. |              |                |
| 63                      | 67                                     | 21                             | 22           | 26             |
| Perm Water Type         | Dist Seas Water                        | Seas Water Type                | Ecosystem    |                |
| 3 <u>3</u>              | 28 32                                  | 33                             | 34 37        |                |
| 27                      |                                        |                                |              |                |

| Ownership                                                     | Site Condition                     | Collection  | Test        | Excavation  |
|---------------------------------------------------------------|------------------------------------|-------------|-------------|-------------|
| 38 <u>3</u>                                                   | 39 <u>0</u>                        | 40 <u>3</u> | 41 <u>0</u> | 42 <u>0</u> |
| Fieldwork Date <u>8/28/1</u>                                  | Management Recommendation <u>5</u> |             |             |             |
| 43                                                            | 48                                 | 49          |             |             |
| Additional Information <u>CR-GLASS HISTORIC CERAMICS METH</u> |                                    |             |             |             |
| 1 40                                                          |                                    |             |             |             |

| OFFICE USE ONLY  |                   |            |           |               |          |
|------------------|-------------------|------------|-----------|---------------|----------|
| Soil Association | Ecozone           | Area Signf | CR Type   | Verified Site | Non-Site |
| 41 43            | 44 45             | 46         | 47        | 48            | 49       |
| State Register   | National Register | E C F T F  | MS Number |               |          |
| 50               | 51                | 52         | 53        | 54            | 61       |

Coder 10/10/11 E. Brown

Date Coded 10/10/11

I. SITE I.D.

II. SITE DESCRIPTION

III. ENVIRONMENT

IV. C.R.M.

OFFICE USE ONLY

1. Access Access to the site is 3/4 mile east of the Walhalla Airport, northeast of Walhalla, along a gravel road. This is the Gingras House, which is being restored.
2. Description of Site This is the Gingras House which is being restored by the State Historical Society. This is one of the oldest houses built and still standing, in North Dakota.
3. Description of Cultural Materials Large quantities of historic glass, ceramics and metal were observed, some recovered, from the slopes of the embankment around the house. Cultural material occurs at least 100 meters around the perimeter of the buildings.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Historic Site
7. Owner's Name/Address State Historical Society
8. Vegetation grass, and crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References \_\_\_\_\_
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This house and buildings, under restoration by the State Historical Society, are significant in terms of early Euro-American settlement of North Dakota Territory, History, and Architecture. This area should be preserved as a historic site, which it is.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-18

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topograph  
section.



B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

USD-18 Pembina

Storage Location \_\_\_\_\_

USDAL

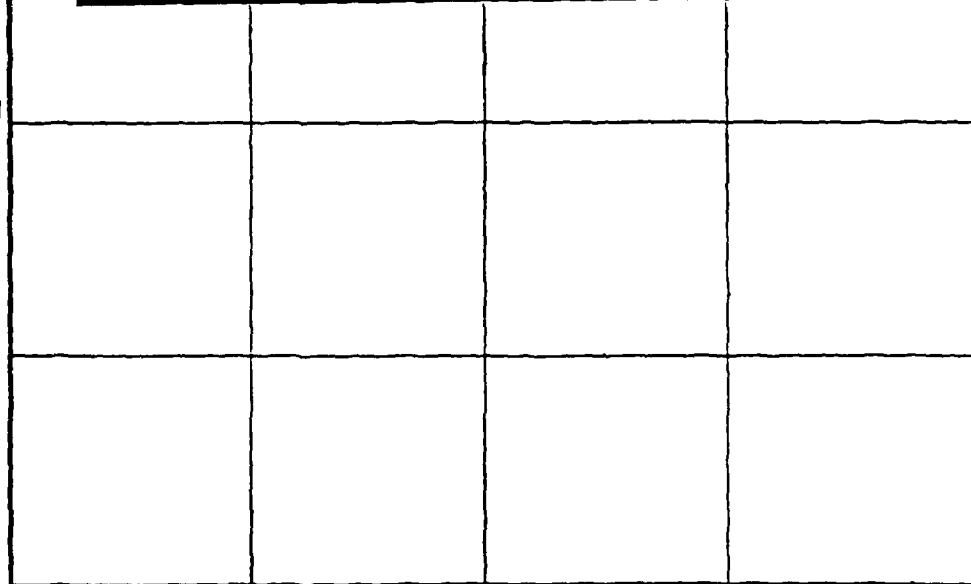


Map Key:

W

E

Map Scale:



Recorded by Kenneth and Marie Brown

Date 8/12/81

Field Code USD-18

NDCRS SITE FORM  
Map & Photo Section  
Page 3

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

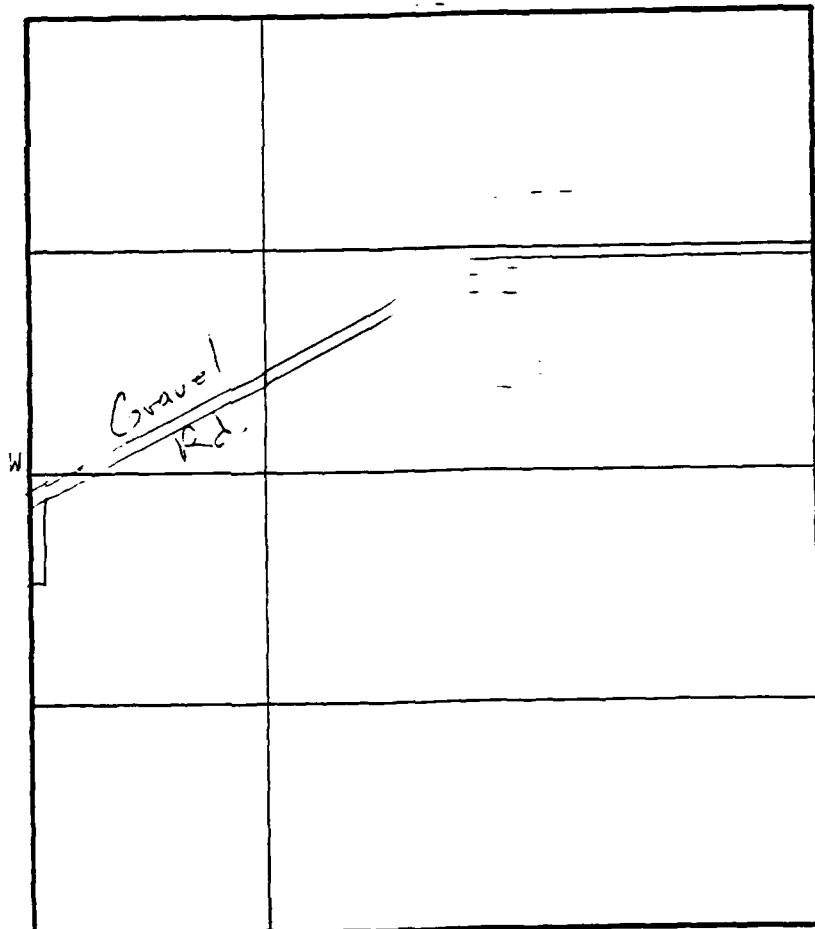
Mark the boundaries of the  
site on the topographic  
section.

B.W. ☐ Color ☐

Photo I.D. Code \_\_\_\_\_

Storage Location \_\_\_\_\_

Map Key:



Map Scale:

250 ft

Recorded by Kenneth & Marie Burr



## NORTH DAKOTA CULTURAL RESOURCES SURVEY

## Base Data Form

1. County Pembina 2. Site Number 32PB101
3. Site Name (s) Antoine Gingras Historic Site
4. Type of Resource: A. Archaeological ☒ Historical ☒ Architectural ☒ Paleontological ☐  
B. District ☐ Site ☒ Building ☒ Structure ☐ Object ☐
5. Map Reference: Walhalla quadrangle 7.5 Minute Series - U.S.G.S.
6. Location: NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Sec. 16 T 163 N / R 56 W  
Plat: \_\_\_\_\_ Block \_\_\_\_\_ Lot \_\_\_\_\_  
UTMG: A. \_\_\_\_\_ B. \_\_\_\_\_  
C. \_\_\_\_\_ D. \_\_\_\_\_
7. Access: Drive  $\frac{1}{4}$  mile north of Walhalla on Highway # 32. Turn east on the dirt road just south of the airport and drive  $\frac{1}{4}$  mile east. Then turn north and then N.E. on the first road to the right. The site is about 1/8th mile up this road. The site is located to the right of the road.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. A. General description of site: The site consists of two log buildings on a knoll. The site is a state Historic Site.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- B. Condition of site: The site is being restored by the State Historical Society.
9. Owner's name/address: Liberty Memorial Building, Bismarck, N.D. 58505
10. Occupant's name/address: N.A.
11. Historic Register value: Nat. ☒ State ☒ Undt. ☐ None ☐ On Reg ☒ In District ☐ District ☐
12. Open to public: Yes ☒ No ☐ 13. Preservation Underway: Yes ☒ No ☐
14. Endangered by: Not endangered
15. Survey Project: Title N.A. Director N.A.  
Other surveys in which included N.A.
16. Recommendations: None  
\_\_\_\_\_  
\_\_\_\_\_
17. Environment: Elevation 945' Nearest Water: Type River  
Name Pembina Distance 2 miles Direction South  
Soil conditions: \_\_\_\_\_  
Soil Texture: \_\_\_\_\_



Continuation form: Historic Sites

Site Number \_\_\_\_\_

27. Thematic category \_\_\_\_\_ 28. Date or period 1840's - 1870  
29. Structures: Number standing 2 Number collapsed 0  
Number of foundations only 0 Number of earthworks 0  
Number of basement depressions 0 No structural remains observed 2

## 30. Architectural/Structural Detail:

- A. Style or design Red River frame, Neo-Gothic, Dove tail-hewn.  
B. Architect/engineer \_\_\_\_\_  
C. Contractor/builder Antoine Gingras  
D. Original use Trading post and house  
E. Present use Historic Site  
F. Number of stories 2 G. Basement: Yes X <sup>in house</sup> No Partial X  
H. Foundation Material none  
I. Wall Construction hewn oak log.  
J. Wall Treatment trading post and house: siding  
K. Roof type and material Trading Post? - House - wood shingles.  
L. Number of bays: Front Side M. Plan shape Rectangular

31. Frontage \_\_\_\_\_ 32. Distance from road \_\_\_\_\_  
33. Number of outbuildings 0 34. Description of outbuildings N.A.

35. Changes The trading post was changed into a barn and the house was greatly altered  
cir. 1920's. Most of the house alterations were internal. The outside was not  
altered.

36. Information sources/References The Antoine B. Gingras Site, Walhalla, North Dakota  
by Nancy L. Woolworth, December, 1972.

37. Reason for significance: Oldest standing buildings in N.D.

Recorded by Nick G. Franke Date 12/9/76

Revised by \_\_\_\_\_ Date \_\_\_\_\_

Site Number \_\_\_\_\_

## 17. Environment, Cont.

Ground Cover: \_\_\_\_\_

Terrain: Generally flat terrain.

18. Local contact person or organization: \_\_\_\_\_

19. Photos: No B/W Color Prints Slides Comments/ID code A large number of  
photographs are on file at the State Historical Society of North Dakota.Negatives stored at: State Historical Society, Capitol Grounds, Bismarck, N.D.

In space below attach and identify a picture or contact print of the site.

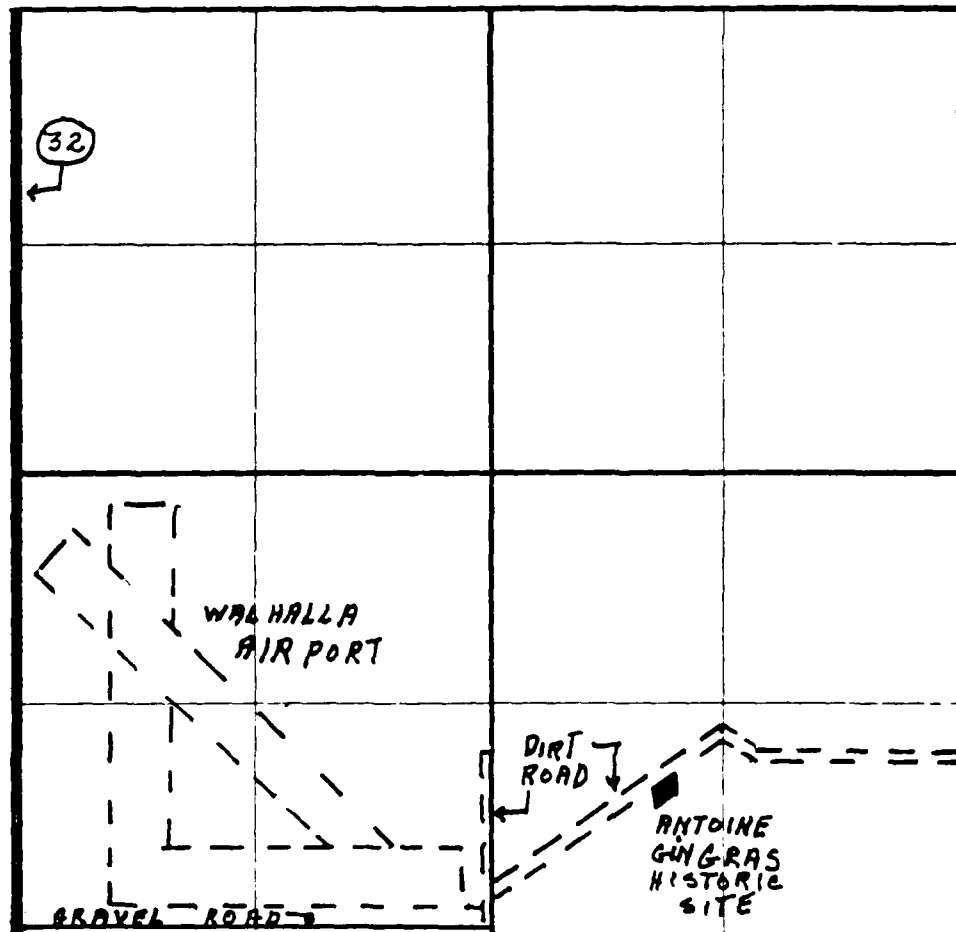
## 20. Sketch Map of Site:

Scale: square = 1 section

N

W

E



S

Recorded by: Nick G. Franke Date 12/9/76

Revised by: \_\_\_\_\_ Date \_\_\_\_\_

32PB101

NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY -- NOMINATION FORM

FOR NPS USE ONLY

RECEIVED

DATE ENTERED

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS  
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

## 1 NAME

HISTORIC

GINGRAS TRADING POST - 32PB101

AND/OR COMMON

GINGRAS HISTORIC SITE (Preferred)

## 2 LOCATION

STREET &amp; NUMBER

State Highway 32

NOT FOR PUBLICATION

CITY, TOWN

CONGRESSIONAL DISTRICT

Walhalla

VICINITY OF

1

STATE

CODE

COUNTY

CODE

North Dakota

038

Pembina

067

## 3 CLASSIFICATION

## CATEGORY

☐ DISTRICT  
☒ BUILDING(S)  
☐ STRUCTURE  
☒ SITE  
☐ OBJECT

## OWNERSHIP

☒ PUBLIC  
☐ PRIVATE  
☐ BOTH  
PUBLIC ACQUISITION  
☐ IN PROCESS  
☐ BEING CONSIDERED

## STATUS

☐ OCCUPIED  
☐ UNOCCUPIED  
☒ WORK IN PROGRESS  
ACCESSIBLE  
☐ YES, RESTRICTED  
☒ YES, UNRESTRICTED  
☐ NO

## PRESENT USE

☐ AGRICULTURE  
☐ COMMERCIAL  
☐ EDUCATIONAL  
☐ ENTERTAINMENT  
☐ GOVERNMENT  
☐ INDUSTRIAL  
☐ MILITARY  
☐ MUSEUM  
☐ PARK  
☐ PRIVATE RESIDENCE  
☐ RELIGIOUS  
☐ SCIENTIFIC  
☐ TRANSPORTATION  
☒ OTHER Site

## 4 OWNER OF PROPERTY

NAME

State Historical Society of North Dakota

STREET &amp; NUMBER

Liberty Memorial Building

State Capitol Grounds

CITY, TOWN

Bismarck

VICINITY OF

STATE

North Dakota

## 5 LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,

REGISTRY OF DEEDS, ETC.

Register of Deeds, Cavalier County Courthouse

STREET &amp; NUMBER

306 Dakota Street, West

CITY, TOWN

Cavalier

STATE

North Dakota

## 6 REPRESENTATION IN EXISTING SURVEYS

TITLE

North Dakota Historic Sites Survey

DATE

1972

☐ FEDERAL ☒ STATE ☐ COUNTY ☐ LOCALDEPOSITORY FOR  
SURVEY RECORDS

State Historical Society of North Dakota

CITY, TOWN

Bismarck,

STATE

North Dakota

## 7 DESCRIPTION

| CONDITION                          |                                                  | CHECK ONE                                   | CHECK ONE                                         |
|------------------------------------|--------------------------------------------------|---------------------------------------------|---------------------------------------------------|
| <input type="checkbox"/> EXCELLENT | <input checked="" type="checkbox"/> DETERIORATED | <input type="checkbox"/> UNALTERED          | <input checked="" type="checkbox"/> ORIGINAL SITE |
| <input type="checkbox"/> GOOD      | <input type="checkbox"/> RUINS                   | <input checked="" type="checkbox"/> ALTERED | <input type="checkbox"/> MOVED      DATE _____    |
| <input type="checkbox"/> FAIR      | <input type="checkbox"/> UNEXPOSED               |                                             |                                                   |

### DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

The Gingras Historic Site covers slightly less than one-half acre of land atop a grass covered knoll about a mile north of the Pembina River in northeastern North Dakota. Originally part of the long grass prairie region of the Great Plains, where gently rolling, grass covered landscapes stretched to the horizons and where trees were most limited to stream banks, marshy swales or isolated units scattered haphazardly about the region, the site is now surrounded by cultivated fields separated by planted shelterbelts. Occasional pockets of wind borne silt, deposited during the "Dust Bowl" era of the 1930's, can still be found especially near long time abandoned buildings. A township road passes the site along its northern boundary overlying a former ox cart trail that serviced the area during the mid-nineteenth Century. Two buildings stand on the site, the trading store and the home of Antoine Blanc Gingras, resident trader, and an important figure in the early history of the North Dakota-Minnesota-Canada border region. Despite the alterations of vegetative patterns cited above, the site maintains the, essentially, the character of its original condition. The topography still permits expansive vistas stimulating the sense of loneliness, solitude and quiet experienced by early day travelers and settlers.

When the State Historical Society of North Dakota acquired the site in 1971, the two buildings were found to be badly deteriorated and much altered. Intensive archeological and historical investigation was started on the buildings in 1972 and resulted in a determination that not only was there sufficient integrity of fabric, design and materials to warrant restoration, but also that locally uncommon construction techniques, extant examples of innovative use of available materials, unexpected refinements of architectural detail and historical association with the history of the commerce, politics, settlement and growth of the region made preservation imperative.

Built during the 1840's, both the buildings are stylistically an amalgam of the classic American log cabin and the French/Canadian log cabin as adopted and adapted by the Metis culture in the international border region. Both are one and one-half stories high and are constructed of square hewn oak logs, dovetailed at the corners. Both were originally approximately 50' X 20' in size and both had a 26' X 20', three wall addition added to them, attached by means of mortis and tenon joints cut into vertical, hewn logs pinned to the main building with oak trenails. Trenail pinning is evident throughout the two structures. The buildings contained tounge and groove flooring on each level, laid on cedar joists on the first level and on oak joists on the second. Their roofs were supported without a ridgepole, but by rafters joined by tie beams. The lack of evidence of fireplaces suggests that the buildings were heated by stoves.

Sometime between the death of Gingras, in 1877, and 1914 when the buildings were occupied by the Allen Andrews family, the store, which had had two rooms on each level, was converted into a barn by closing off the former main entrance, which consisted of a large door flanked by a window on either side, and cutting new door and window openings and by adding barn appurtenances such as feed troughs and animal stalls. The building has since been archeologically recorded, dismantled and is presently being reconstructed on its original location using the original materials. Where replacement parts are necessary, every attempt has been made to substitute materials as close to the original as possible.

The house differs from the store by being much more elaborately finished. Five bays wide and two bays deep, the entire structure is sheathed with clapboard siding, finished with vertical corner boards and moldings around the doors and windows. The house has double hung windows with the exception of one slant, sash window at the western verge and two

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**NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY -- NOMINATION FORM**

CONTINUATION SHEET

ITEM NUMBER

7

PAGE 1

slant, sash windows at the opposite verge overlooking the roof of the addition. The roof is high pitched and currently denuded of the original cedar shingles. The boxed cornices include a plain frieze and are enhanced by bargeboards on all sides, although some segments have fallen off or have been removed temporarily.

Interiorally, the house contained four rooms and a central hallway on the main level and had a closed stairway with a balustrade guardrail to the upper level. The walls were of plaster, applied to split willow laths, painted and finished with moldings at all joints. The ceilings, like the floors, were fitted tongue and groove boards. A half basement underlies the the house.

Preparatory to restoration, additional investigation will be undertaken, particularly in the upper levels of the house and its addition.

# SIGNIFICANCE

| PERIOD                                        | AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW |                                                 |                                                 |                                              |  |
|-----------------------------------------------|--------------------------------------------------|-------------------------------------------------|-------------------------------------------------|----------------------------------------------|--|
| <input type="checkbox"/> PREHISTORIC          | <input type="checkbox"/> ARCHEOLOGY-PREHISTORIC  | <input type="checkbox"/> COMMUNITY PLANNING     | <input type="checkbox"/> LANDSCAPE ARCHITECTURE | <input type="checkbox"/> RELIGION            |  |
| <input type="checkbox"/> 1400-1499            | <input type="checkbox"/> ARCHEOLOGY-HISTORIC     | <input type="checkbox"/> CONSERVATION           | <input type="checkbox"/> LAW                    | <input type="checkbox"/> SCIENCE             |  |
| <input type="checkbox"/> 1500-1599            | <input type="checkbox"/> AGRICULTURE             | <input type="checkbox"/> ECONOMICS              | <input type="checkbox"/> LITERATURE             | <input type="checkbox"/> SCULPTURE           |  |
| <input type="checkbox"/> 1600-1699            | <input checked="" type="checkbox"/> ARCHITECTURE | <input type="checkbox"/> EDUCATION              | <input type="checkbox"/> MILITARY               | <input type="checkbox"/> SOCIAL/HUMANITARIAN |  |
| <input type="checkbox"/> 1700-1799            | <input type="checkbox"/> ART                     | <input type="checkbox"/> ENGINEERING            | <input type="checkbox"/> MUSIC                  | <input type="checkbox"/> THEATER             |  |
| <input checked="" type="checkbox"/> 1800-1899 | <input checked="" type="checkbox"/> COMMERCE     | <input type="checkbox"/> EXPLORATION/SETTLEMENT | <input type="checkbox"/> PHILOSOPHY             | <input type="checkbox"/> TRANSPORTATION      |  |
| <input type="checkbox"/> 1900-                | <input type="checkbox"/> COMMUNICATIONS          | <input type="checkbox"/> INDUSTRY               | <input type="checkbox"/> POLITICS/GOVERNMENT    | <input type="checkbox"/> OTHER (SPECIFY)     |  |
|                                               |                                                  | <input type="checkbox"/> INVENTION              |                                                 |                                              |  |

SPECIFIC DATES 1843-1877

BUILDER/ARCHITECT

## STATEMENT OF SIGNIFICANCE

The Gingras Historic Site played a vitally important role, as did Antoine B. Gingras personally, in the commercial, political and settlement development of the North Dakota-Minnesota-Canada border region. Because of Gingras' activities, the former Hudson's Bay Company trade route was shifted from its northern route, through Fort Gary (Winnipeg) to a southern route through St. Paul, earning huge tariff revenues for the United States and firmly establishing U.S. economic and political control over the border region. Architecturally, the buildings on the Gingras site display locally uncommon construction techniques, extant examples of innovative use of available material, unexpected refinement of architectural details and maintain sufficient integrity of design, fabric and materials to warrant preservation.

The Gingras Historic Site consists of a trading store and house built, on this location and still standing, in the 1840's by a Metis fur trader, Antoine Blanc Gingras. The buildings on the site are among the few tangible remains of the fur trade era in the valley of the Red River of the North.

The 1840's were a period of intense competition between the American fur trading partnership of Norman Kittson and Henry Hastings Sibley and the British Hudson's Bay Company. The Metis, who had a sense of common cultural identity based on mixed Indian-European descent, a common language and a shared way of life, had traditionally fought the monopoly granted the Hudson's Bay Company by the British government. When Kittson and Sibley began competing with the British company, independent Metis fur traders such as Gingras and James Sinclair, joined with the Americans. The trade war that followed had repercussions far beyond the Red River Valley, influencing to some extent the foreign policies of both the United States and Great Britain.

One of the most important factors enabling Kittson, Sibley and the Metis to compete successfully with the Hudson's Bay Company was the reorientation of transportation routes they instituted. The American and Metis traders introduced the use of ox-cart brigades for transporting their furs to market at St. Paul, Minnesota Territory. The routing through St. Paul proved to be so much more efficient than the Hudson's Bay Company's route, by York boat to Hudson Bay and thence by sea to Europe, that, in the 1850's, the Hudson's Bay Company made arrangements with the United States Government to ship their goods through St. Paul also.

Antoine Gingras became both prominent and wealthy as a result of the part he played in these events. In 1852 and 1853, he served in the Minnesota Territorial Legislature, and by 1861, he was listed in the census as having goods and property valued at \$60,000. By 1869, he had increased his holdings to include a chain of trading posts extending across northern North Dakota and southern Manitoba. Gingras also became involved in the Riel Rebellion (1869) on the Metis side. As did the other Metis participants, Gingras suffered

NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY -- NOMINATION FORM

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CONTINUATION SHEET

ITEM NUMBER 8

PAGE 1

severe financial losses because of his involvement, but he made the necessary adjustments and later, participated in the chartering of the City of Winnipeg and the Winnipeg Board of Trade in 1873. Antoine B. Gingras died in 1877 and was buried at St. Joseph (now Walhalla), Dakota Territory.

The buildings on the Gringras site are architecturally significant for the information they might provide about the construction of both utilitarian and domestic log buildings, especially those built within the Red River Valley during the mid-1800's. Although both buildings are built of hewn oak logs in a manner consistent with other log buildings of the period, the house shows more careful workmanship and attention to finish details than the store. Historic records indicate that the major influence in the design of the house came from St. Paul, Minnesota. However, a comparison of this house with comparable buildings in Winnipeg and St. Paul might provide more detailed information about relative architectural influences on the Great Plains.

ITEM NUMBER 9

Woolworth, Nancy L.. The Antoine B. Gingras Site, Walhalla, North Dakota. Mss. on file at the State Historical Society of North Dakota, December, 1972.

**NATIONAL REGISTER OF HISTORIC PLACES  
PROPERTY PHOTOGRAPH FORM**

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SEE INSTRUCTIONS IN *HOW TO COMPLETE NATIONAL REGISTER FORMS*  
TYPE ALL ENTRIES ENCLOSE WITH PHOTOGRAPH

**1 NAME**

HISTORIC

GINGRAS TRADING POST

AND/OR COMMON

GINGRAS HISTORIC SITE (preferred)

**2 LOCATION**

CITY, TOWN

Walhalla

☒ VICINITY OF

COUNTY

Pembina

STATE

N.D.

**3 PHOTO REFERENCE**

PHOTO CREDIT State Historical Society of North Dakota DATE OF PHOTO 1972  
(Norman Paulson)

NEGATIVE FILED AT Liberty Memorial Building  
Bismarck, North Dakota 58505

**4 IDENTIFICATION**

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT, GIVE BUILDING NAME & STREET

PHOTO NO.

View: Towards the N.N.E., looking at the s.w. corner of the  
house showing the front (south) facade and the west wall.

1 of 5



# BIBLIOGRAPHICAL REFERENCES

Franke, Nick G., "Antoine Gingras Historic Site," Plains Talk, Vol. 4, No. 1 (New Series), Winter 1973, State Historical Society of North Dakota, Bismarck.

Gluck, Alvin C., Minnesota and the Manifest Destiny of the Canadian Northwest: A Study in Canadian-American Relations, University of Toronto Press, Toronto, 1965.

## 10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY 0.425 Acres

UTM REFERENCES

A 14 58 12 4 5 54 208 1 0  
 ZONE EASTING NORTHING  
 C                           

B                             
 ZONE EASTING NORTHING  
 D                           

VERBAL BOUNDARY DESCRIPTION

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

| STATE | CODE | COUNTY | CODE |
|-------|------|--------|------|
| STATE | CODE | COUNTY | CODE |

## 11 FORM PREPARED BY

NAME/TITLE Nick G. Franke - Research Archeologist

Walter L. Bailey - Historic Preservation Planner

ORGANIZATION

DATE

State Historical Society of North Dakota

3/26/75

STREET & NUMBER

TELEPHONE

Liberty Memorial Building, State Capitol Grounds

(701)-224-2672

CITY OR TOWN

STATE

Bismarck

North Dakota

## 12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL X

STATE   

LOCAL   

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

FEDERAL REPRESENTATIVE SIGNATURE

*James E. Sperry*

TITLE

STATE HISTORIC PRESERVATION OFFICER

DATE

3/26/75

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

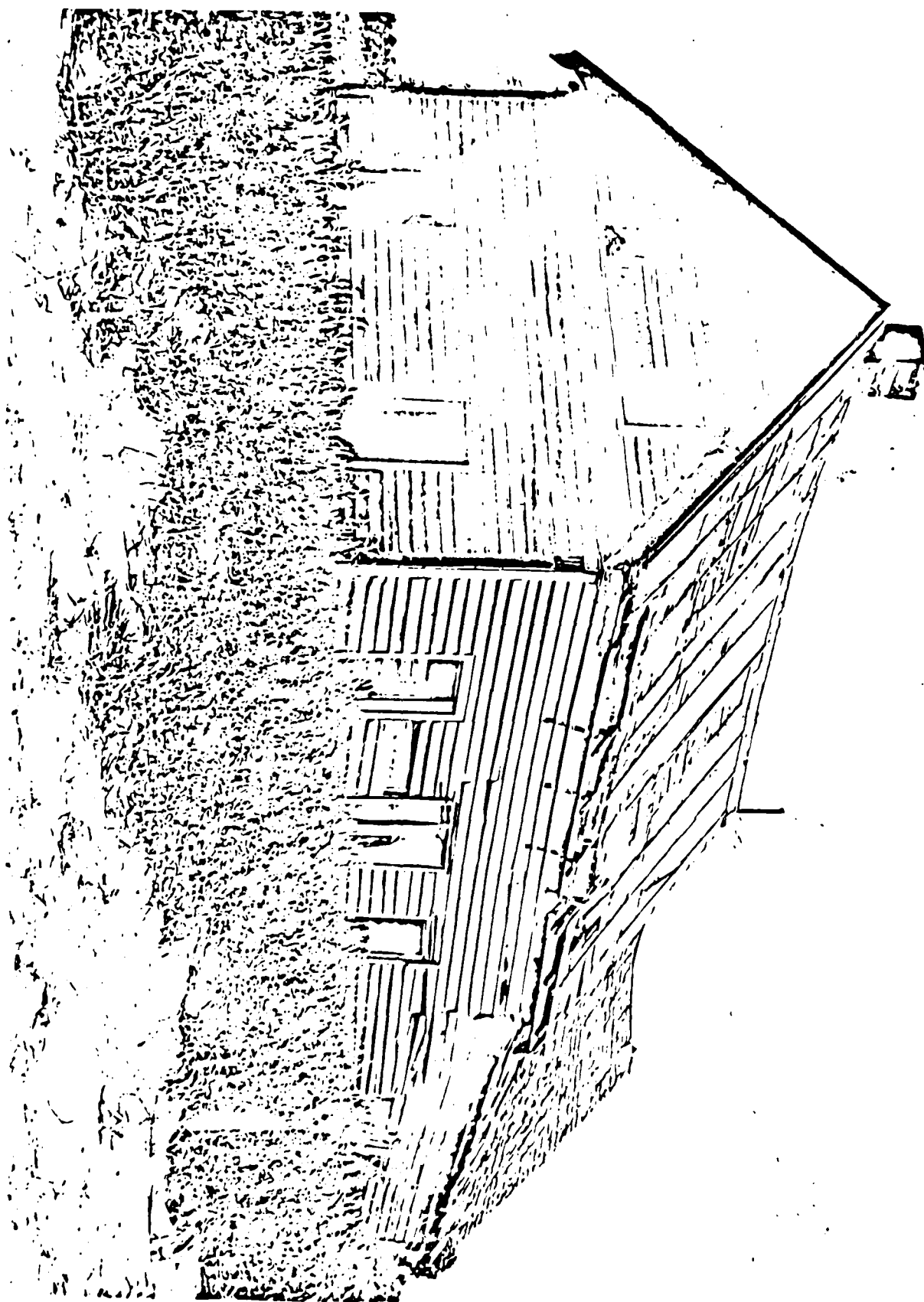
DATE

DIRECTOR, OFFICE OF ARCHEOLOGY AND HISTORIC PRESERVATION

ATTEST:

DATE

KEEPER OF THE NATIONAL REGISTER



**NATIONAL REGISTER OF HISTORIC PLACES  
PROPERTY PHOTOGRAPH FORM**

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DATE ENTERED

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS  
TYPE ALL ENTRIES ENCLOSE WITH PHOTOGRAPH

**1 NAME**

HISTORIC

GINGRAS TRADING POST

AND/OR COMMON

GINGRAS HISTORIC SITE (preferred)

**2 LOCATION**

CITY, TOWN

Walhalla

☒ VICINITY OF

COUNTY

Pembina

STATE

N.D.

**3 PHOTO REFERENCE**

PHOTO CREDIT Norman Paulson

DATE OF PHOTO 1972

State Historical Society of North Dakota

NEGATIVE FILED AT Liberty Memorial Building

Bismarck, North Dakota 58505

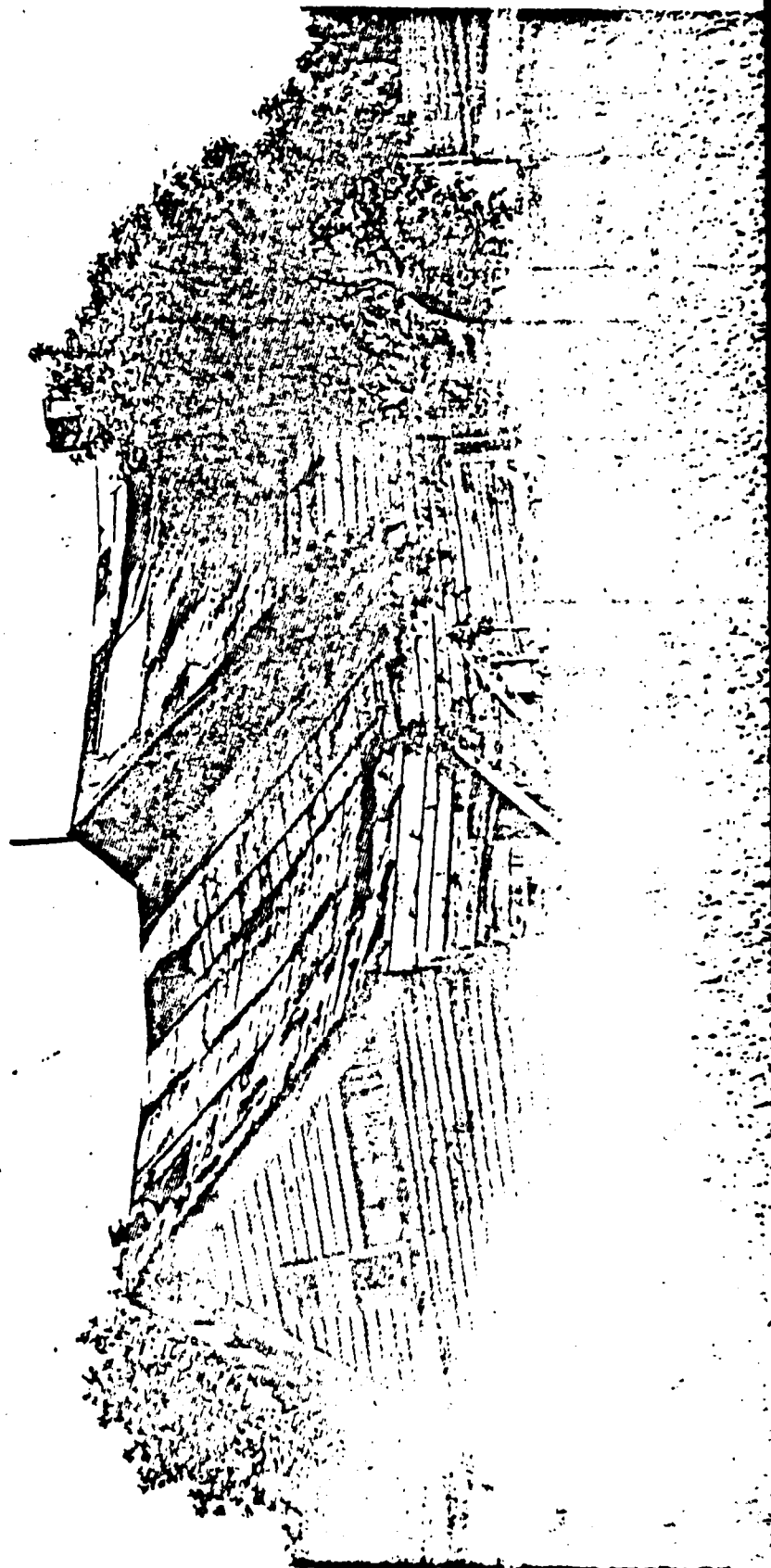
**4 IDENTIFICATION**

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT, GIVE BUILDING NAME & STREET

PHOTO NO.

View: Towards the S.S.E., looking at the N.E. corner of the house,  
showing the rear (north) of the house and the east wall of  
the addition.

2 of 5



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PROPERTY PHOTOGRAPH FORM**

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**1 NAME**

HISTORIC

GINGRAS TRADING POST

AND/OR COMMON

GINGRAS HISTORIC SITE (Preferred)

**2 LOCATION**

CITY TOWN

Walhalla

☒ VICINITY OF

COUNTY

Pembina

STATE

N.D.

**3 PHOTO REFERENCE**

PHOTO CREDIT Mick G. Franke

DATE OF PHOTO 1972

State Historical Society of North Dakota

NEGATIVE FILED AT Liberty Memorial Building

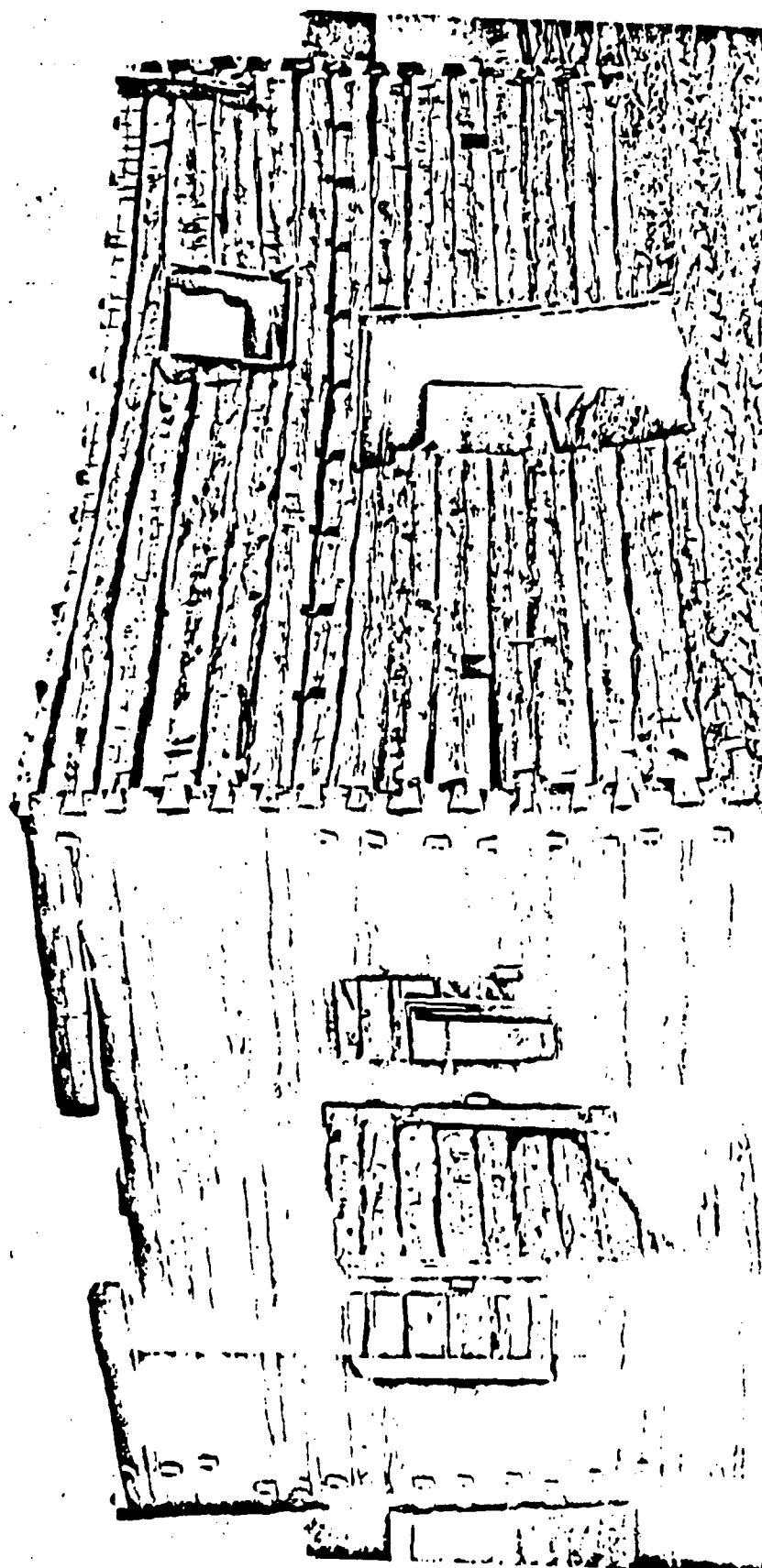
Bismarck, North Dakota 58505

**4 IDENTIFICATION**

DESCRIBE VIEW DIRECTION ETC IF DISTRICT GIVE BUILDING NAME & STREET

PHOTO NO.

View: Towards the N.E., viewing the s.w. corner of the store building, 3 of 5  
showing the front (west) facade and the south wall.  
Photo taken just prior to dismantling.



U.S. DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
**NATIONAL REGISTER OF HISTORIC PLACES  
PROPERTY PHOTOGRAPH FORM**

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SEE INSTRUCTIONS IN *HOW TO COMPLETE NATIONAL REGISTER FORMS*  
TYPE ALL ENTRIES    ENCLOSE WITH PHOTOGRAPH

**1 NAME**

HISTORIC

GINGRAS TRADING POST

AND/OR COMMON

GINGRAS HISTORIC SITE (preferred)

**2 LOCATION**

CITY, TOWN

Walhalla

☒ VICINITY OF

COUNTY

Pembina

STATE

N.D.

**3 PHOTO REFERENCE**

PHOTO CREDIT    Nick G. Frank

DATE OF PHOTO    1972

State Historical Society of North Dakota

NEGATIVE FILED AT    Liberty Memorial Building

Bismarck, North Dakota 58505

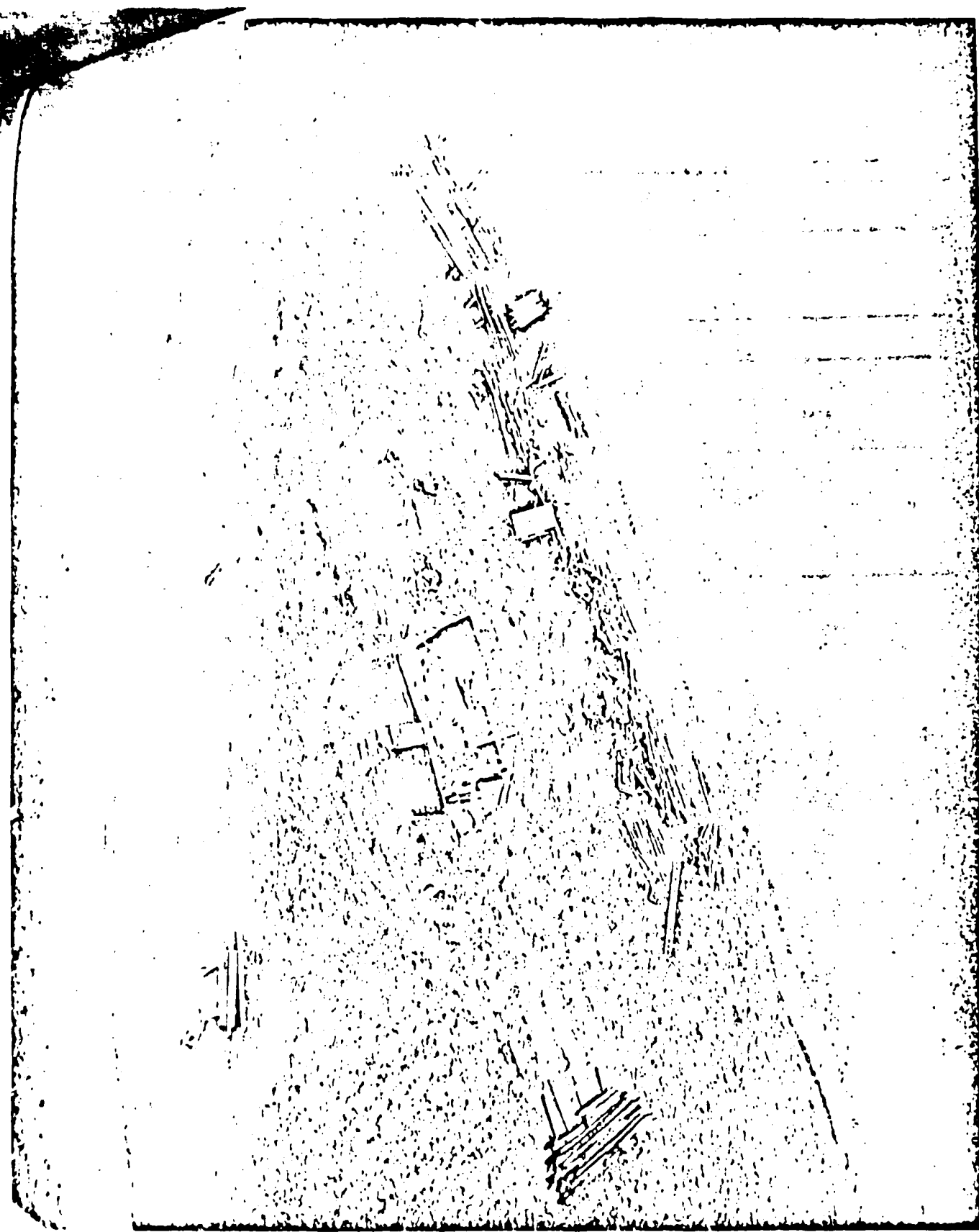
**4 IDENTIFICATION**

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT. GIVE BUILDING NAME & STREET

View: Arial view towards the S.W., showing a portion of the  
grounds and the location of the trading store  
during the dismantling of the store.

PHOTO NO.

4 of 5





UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
**NATIONAL REGISTER OF HISTORIC PLACES  
PROPERTY PHOTOGRAPH FORM**

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AND/OR COMMON

GINGRAS HISTORIC SITE (Preferred)

**2 LOCATION**

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Walhalla

☒ VICINITY OF

COUNTY

Pembina

STATE

N.D.

**3 PHOTO REFERENCE**

PHOTO CREDIT Nick G. Franke

DATE OF PHOTO 1972

State Historical Society of North Dakota

NEGATIVE FILED AT Liberty Memorial Building

Bismarck, North Dakota 58505

**4 IDENTIFICATION**

DESCRIBE VIEW DIRECTION, ETC IF DISTRICT. GIVE BUILDING NAME & STREET

PHOTO NO.

View: Closeup of hewn oak trenails used to window trimmers  
to structural frame. The method of fastening was  
used extensively throughout both buildings.

5 of 5



NATIONAL REGISTER OF HISTORIC PLACES  
PROPERTY MAP FORM

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SEE INSTRUCTIONS IN *HOW TO COMPLETE NATIONAL REGISTER FORMS*  
TYPE ALL ENTRIES -- ENCLOSE WITH MAP

**1** NAME

HISTORIC

GINGRAS TRADING POST

AND/OR COMMON

GINGRAS HISTORIC SITE (Preferred)

**2** LOCATION

CITY, TOWN

Walhalla

☒ VICINITY OF

COUNTY

Pembina

STATE

N.D.

**3** MAP REFERENCE

SOURCE United States Geological Survey (7.5' Series) Walhalla Quadrangle

SCALE 1:24 000

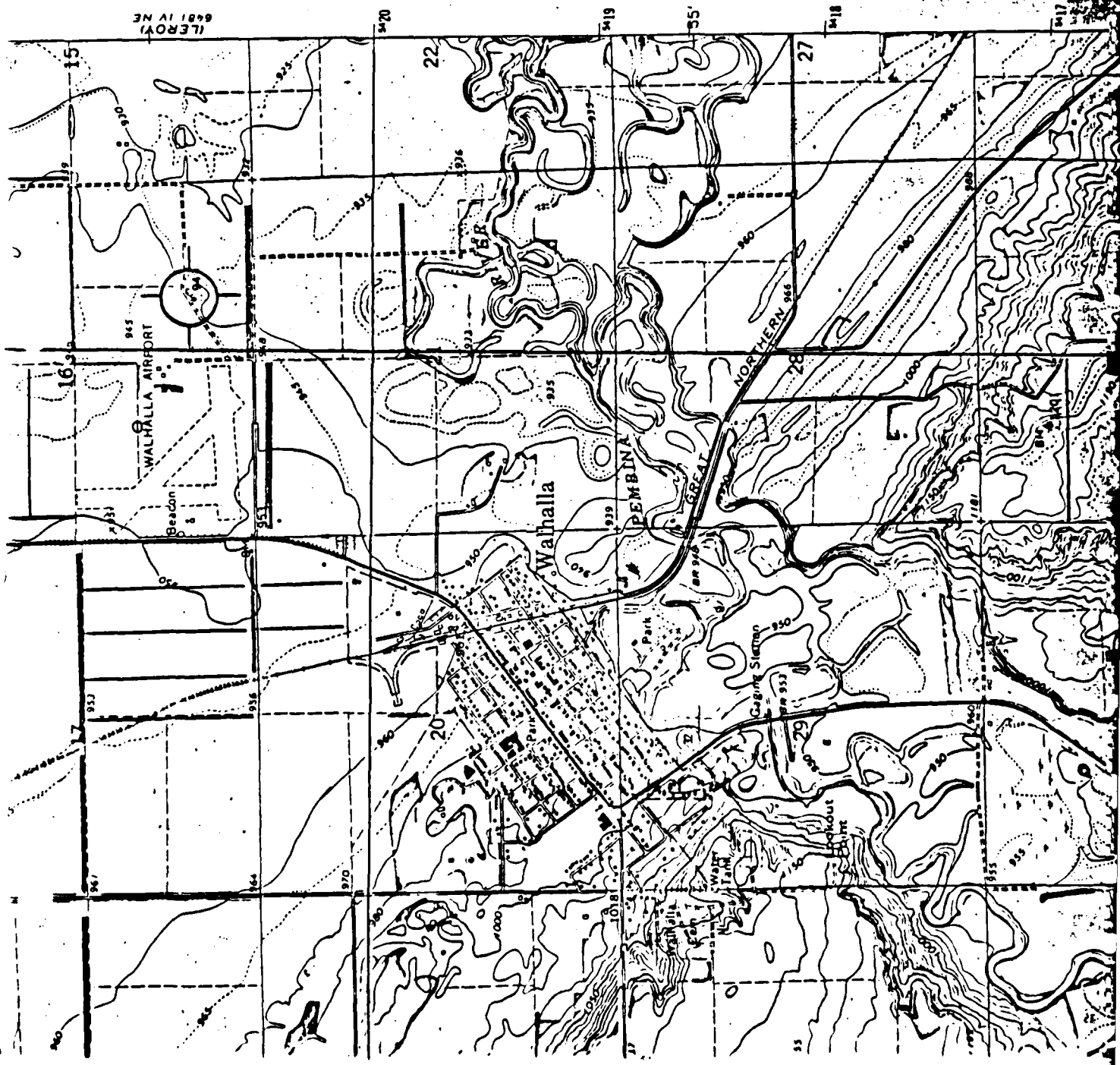
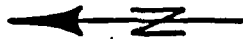
DATE 1964

**4** REQUIREMENTS

TO BE INCLUDED ON ALL MAPS

1. PROPERTY BOUNDARIES
2. NORTH ARROW
3. UTM REFERENCES

Gingras Histo.  
 Walhalla, North Dakota  
 UTM Reference:  
 14/581245/5420810



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
USD-2

Site Name  
\_\_\_\_\_

Map Quad  
247-GATE

SITS #

State County Site Number  
32 PB \_\_\_\_\_

LTL Twp R Sec QQQ QQ Q  
0 164 5326 8 5 7

LTL<sup>a</sup> Twp<sup>a</sup> R<sup>a</sup> Sec<sup>a</sup> QQQ<sup>a</sup> QQ<sup>a</sup> Q<sup>a</sup>  
0 164 5326 8 5 7

II. SITE DESCRIPTION

|                                                      |                                                                  |                                                       |                   |           |
|------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-------------------|-----------|
| SITE TYPE                                            |                                                                  | CULTURAL MATERIAL                                     |                   | Site Area |
| 1 <input type="checkbox"/> Conical Timber Lodge      | 2 <input type="checkbox"/> Bone (worked)                         | 5 <u>100</u>                                          | 12 m <sup>2</sup> |           |
| 3 <input type="checkbox"/> CM Scatter                | 4 <input type="checkbox"/> Ceramics (Native)                     |                                                       |                   |           |
| 13 <input type="checkbox"/> Earthlodge Village       | 14 <input type="checkbox"/> Charcoal                             |                                                       |                   |           |
| 15 <input type="checkbox"/> Earthworks               | 16 <input type="checkbox"/> Copper (Native)                      | Cultural Depth                                        |                   |           |
| 17 <input type="checkbox"/> Fortification            | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <u>21</u>                                          |                   |           |
| 22 <input type="checkbox"/> Grave                    | 23 <input type="checkbox"/> Fire Cracked Rock                    | Depth Indicator                                       |                   |           |
| 24 <input type="checkbox"/> Hearth                   | 25 <input type="checkbox"/> Floral Remains                       | 28 <u>0</u>                                           |                   |           |
| 26 <input type="checkbox"/> Jump                     | 27 <input type="checkbox"/> Fossil                               |                                                       |                   |           |
| 29 <input type="checkbox"/> Mound                    | 30 <input type="checkbox"/> Hide, Hair, Fur                      |                                                       |                   |           |
| 31 <input type="checkbox"/> Other Rock Features      | 32 <input type="checkbox"/> Human Remains                        | CULTURAL/TEMPORAL                                     |                   |           |
| 33 <input type="checkbox"/> Pit                      | 34 <input type="checkbox"/> Projectile Point                     | AFFILIATION                                           |                   |           |
| 35 <input type="checkbox"/> Quarry/Mine              | 36 <input type="checkbox"/> Shell (worked)                       | 37 <input type="checkbox"/> Paleo                     |                   |           |
| 38 <input type="checkbox"/> Rock Art                 | 39 <input type="checkbox"/> Stone, chipped                       | 40 <input type="checkbox"/> Archaic                   |                   |           |
| 41 <input type="checkbox"/> Rock Shelter             | 42 <input type="checkbox"/> Stone, ground                        | 43 <input type="checkbox"/> Late Prehistoric          |                   |           |
| 44 <input type="checkbox"/> Stone Circle             | 45 <input type="checkbox"/> Trade Good (non-Native)              | 46 <input type="checkbox"/> 47 Historic               |                   |           |
| 48 <input type="checkbox"/> Trail (not recent)       | 49 <input type="checkbox"/> Wood (worked)                        | 50 <input checked="" type="checkbox"/> Period Unknown |                   |           |
| 51 <input type="checkbox"/> Miscellaneous            | 52 <input type="checkbox"/> Other                                |                                                       |                   |           |
| 53 <input checked="" type="checkbox"/> Isolated Find | CM Density                                                       | Basis for Dating                                      |                   |           |
|                                                      | 54 <u>1</u>                                                      | 55 <u>1</u>                                           |                   |           |

III. ENVIRONMENT

|                 |                      |                 |              |                     |
|-----------------|----------------------|-----------------|--------------|---------------------|
| Landform 1      | Landform 2           | Slope/Exposure  | View, degree | View, distance      |
| <u>56</u>       | <u>7</u>             | <u>10</u>       | <u>4</u>     | <u>2</u>            |
|                 | 57 58                | 59 60           | 61           | 62                  |
| Elevation       | Drainage System      |                 |              | Dist Perm Water     |
| <u>315</u> m.   | <u>PEMBINA RIVER</u> |                 |              | <u>2778</u> m.      |
| 63 67           | 1                    | 21              | 22           | 26                  |
| Perm Water Type | Dist Seas Water      | Seas Water Type |              | Ecosystem           |
| <u>27</u>       | <u>28</u> <u>32</u>  | <u>33</u>       |              | <u>34</u> <u>37</u> |

IV. C.R.M.

|                        |                |                           |          |            |
|------------------------|----------------|---------------------------|----------|------------|
| Ownership              | Site Condition | Collection                | Test     | Excavation |
| <u>38</u>              | <u>0</u>       | <u>3</u>                  | <u>0</u> | <u>0</u>   |
|                        | 39             | 40                        | 41       | 42         |
| Fieldwork Date         |                | Management Recommendation |          |            |
| <u>8-31</u>            |                | <u>1</u>                  |          |            |
| 43 48                  |                | 49                        |          |            |
| Additional Information |                |                           |          |            |
| _____                  |                |                           |          |            |

OFFICE USE ONLY

|                     |                     |            |           |               |           |
|---------------------|---------------------|------------|-----------|---------------|-----------|
| Soil Association    | Ecozone             | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register      | National Register   | E C F      | T F       | MS Number     |           |
| <u>50</u>           | <u>51</u>           | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-2Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is on a gravel road north of Neche, ½ mile south of the International border, and east of Neche 4 miles, then north on a dirt section road to the International border. The site is located ½ mile east of the dirt road.
2. Description of Site The site is in a cultivated field about 50 meters south of the International border. There is a small, shallow marsh area directly north of the site. The site only measures about 10 meters in diameter.
3. Description of Cultural Materials Several large, bison/cow size bone fragments were recovered. No chipped stone or other cultural materials were recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops, wheat
7. Owner's Name/Address Garnet Horsley
8. Vegetation Crops, wheat
9. Cover (% of visible ground) 100%
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M. Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site is a find spot and does not require any additional work.
17. Comments/References This site is a find spot, consisting of bone fragments only, and does not warrant additional work.

Recorded by Kenneth and Marie BrownDate 8/9/81

Field Code USD-2

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographi  
section.

B.W. ☒

Photo I.D. Code \_\_\_\_\_

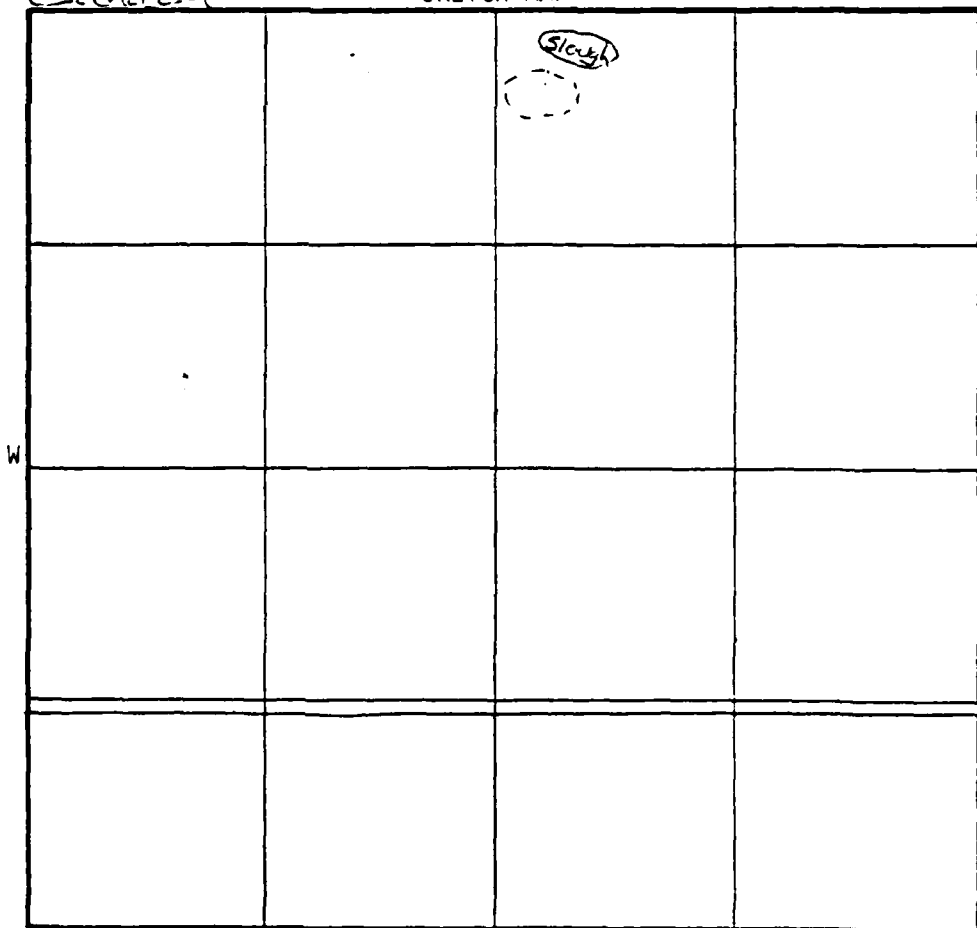
USD-2, Pembina

Storage Location USDAL

Canada

SKETCH MAP

Map Key:



Map Scale:

2000 ft.

Recorded by Kenneth and Marie Brown

Date 8/9/81

This is a detailed topographic map of a section of the United States, showing a grid of sections 25, 26, 27, 28, 33, 34, 35, and 36. The map includes contour lines, a river labeled 'MORRIS RIVER', and a bridge labeled 'Morris Bridge'. Various spot elevations and benchmark elevations are marked throughout the area.

**Section Numbers:** 25, 26, 27, 28, 33, 34, 35, 36

**Geographic Features:**

- MORRIS RIVER:** A winding river flows through the lower right portion of the map.
- Morris Bridge:** A bridge crossing the Morris River, located near the intersection of sections 33 and 34.
- Contour Lines:** Dashed lines representing elevation contours, with labels such as 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, 1100, 1110, 1120, 1130, 1140, 1150, 1160, 1170, 1180, 1190, 1200, 1210, 1220, 1230, 1240, 1250, 1260, 1270, 1280, 1290, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, 1580, 1590, 1600, 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700, 1710, 1720, 1730, 1740, 1750, 1760, 1770, 1780, 1790, 1800, 1810, 1820, 1830, 1840, 1850, 1860, 1870, 1880, 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990, 2000, 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2090, 2100, 2110, 2120, 2130, 2140, 2150, 2160, 2170, 2180, 2190, 2200, 2210, 2220, 2230, 2240, 2250, 2260, 2270, 2280, 2290, 2300, 2310, 2320, 2330, 2340, 2350, 2360, 2370, 2380, 2390, 2400, 2410, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580, 2590, 2600, 2610, 2620, 2630, 2640, 2650, 2660, 2670, 2680, 2690, 2700, 2710, 2720, 2730, 2740, 2750, 2760, 2770, 2780, 2790, 2800, 2810, 2820, 2830, 2840, 2850, 2860, 2870, 2880, 2890, 2900, 2910, 2920, 2930, 2940, 2950, 2960, 2970, 2980, 2990, 3000, 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3080, 3090, 3100, 3110, 3120, 3130, 3140, 3150, 3160, 3170, 3180, 3190, 3200, 3210, 3220, 3230, 3240, 3250, 3260, 3270, 3280, 3290, 3300, 3310, 3320, 3330, 3340, 3350, 3360, 3370, 3380, 3390, 3400, 3410, 3420, 3430, 3440, 3450, 3460, 3470, 3480, 3490, 3500, 3510, 3520, 3530, 3540, 3550, 3560, 3570, 3580, 3590, 3600, 3610, 3620, 3630, 3640, 3650, 3660, 3670, 3680, 3690, 3700, 3710, 3720, 3730, 3740, 3750, 3760, 3770, 3780, 3790, 3800, 3810, 3820, 3830, 3840, 3850, 3860, 3870, 3880, 3890, 3900, 3910, 3920, 3930, 3940, 3950, 3960, 3970, 3980, 3990, 4000, 4010, 4020, 4030, 4040, 4050, 4060, 4070, 4080, 4090, 4100, 4110, 4120, 4130, 4140, 4150, 4160, 4170, 4180, 4190, 4200, 4210, 4220, 4230, 4240, 4250, 4260, 4270, 4280, 4290, 4300, 4310, 4320, 4330, 4340, 4350, 4360, 4370, 4380, 4390, 4400, 4410, 4420, 4430, 4440, 4450, 4460, 4470, 4480, 4490, 4500, 4510, 4520, 4530, 4540, 4550, 4560, 4570, 4580, 4590, 4600, 4610, 4620, 4630, 4640, 4650, 4660, 4670, 4680, 4690, 4700, 4710, 4720, 4730, 4740, 4750, 4760, 4770, 4780, 4790, 4800, 4810, 4820, 4830, 4840, 4850, 4860, 4870, 4880, 4890, 4900, 4910, 4920, 4930, 4940, 4950, 4960, 4970, 4980, 4990, 5000, 5010, 5020, 5030, 5040, 5050, 5060, 5070, 5080, 5090, 5100, 5110, 5120, 5130, 5140, 5150, 5160, 5170, 5180, 5190, 5200, 5210, 5220, 5230, 5240, 5250, 5260, 5270, 5280, 5290, 5300, 5310, 5320, 5330, 5340, 5350, 5360, 5370, 5380, 5390, 5400, 5410, 5420, 5430, 5440, 5450, 5460, 5470, 5480, 5490, 5500, 5510, 5520, 5530, 5540, 5550, 5560, 5570, 5580, 5590, 5600, 5610, 5620, 5630, 5640, 5650, 5660, 5670, 5680, 5690, 5700, 5710, 5720, 5730, 5740, 5750, 5760, 5770, 5780, 5790, 5800, 5810, 5820, 5830, 5840, 5850, 5860, 5870, 5880, 5890, 5900, 5910, 5920, 5930, 5940, 5950, 5960, 5970, 5980, 5990, 6000, 6010, 6020, 6030, 6040, 6050, 6060, 6070, 6080, 6090, 6100, 6110, 6120, 6130, 6140, 6150, 6160, 6170, 6180, 6190, 6200, 6210, 6220, 6230, 6240, 6250, 6260, 6270, 6280, 6290, 6300, 6310, 6320, 6330, 6340, 6350, 6360, 6370, 6380, 6390, 6400, 6410, 6420, 6430, 6440, 6450, 6460, 6470, 6480, 6490, 6500, 6510, 6520, 6530, 6540, 6550, 6560, 6570, 6580, 6590, 6600, 6610, 6620, 6630, 6640, 6650, 6660, 6670, 6680, 6690, 6700, 6710, 6720, 6730, 6740, 6750, 6760, 6770, 6780, 6790, 6800, 6810, 6820, 6830, 6840, 6850, 6860, 6870, 6880, 6890, 6900, 6910, 6920, 6930, 6940, 6950, 6960, 6970, 6980, 6990, 7000, 7010, 7020, 7030, 7040, 7050, 7060, 7070, 7080, 7090,



## Page 1

**I. SITE I.D.**

Field Code  
USD-3

Site Name \_\_\_\_\_

Map Quad  
SATGATE

SITS #

| State            | County           | Site           | Number           |                  |                 |                |
|------------------|------------------|----------------|------------------|------------------|-----------------|----------------|
| <u>32</u>        | <u>PB</u>        |                |                  |                  |                 |                |
| 11               | 13               | 15             | 18               |                  |                 |                |
| LTL              | Twp              | R              | Sec              | QQQ              | QQ              | Q              |
| <u>0</u>         | <u>164</u>       | <u>5328</u>    | <u>7</u>         | <u>6</u>         | <u>5</u>        |                |
| 39               | 40               | 47             | 48               | 49               | 50              |                |
| LTL <sub>a</sub> | Twp <sub>a</sub> | R <sub>a</sub> | Sec <sub>a</sub> | QQQ <sub>a</sub> | QQ <sub>a</sub> | Q <sub>a</sub> |
| <u>69</u>        | <u>70</u>        | <u>77</u>      | <u>78</u>        | <u>79</u>        | <u>80</u>       |                |

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

#### III. SITE DESCRIPTION

| SITE TYPE |                                                   | CULTURAL MATERIAL |                                                               |                                              |
|-----------|---------------------------------------------------|-------------------|---------------------------------------------------------------|----------------------------------------------|
| 1         | <input type="checkbox"/> Conical Timber Lodge     | 2                 | <input type="checkbox"/> Bone (worked)                        | Site Area                                    |
| 3         | <input type="checkbox"/> CM Scatter               | 4                 | <input type="checkbox"/> Ceramics (Native)                    | 5 <u>100</u> 12 m <sup>2</sup>               |
| 13        | <input type="checkbox"/> Earthlodge Village       | 14                | <input type="checkbox"/> Charcoal                             |                                              |
| 15        | <input type="checkbox"/> Earthworks               | 16                | <input type="checkbox"/> Copper (Native)                      | Cultural Depth                               |
| 17        | <input type="checkbox"/> Fortification            | 18                | <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <u>21</u>                                 |
| 22        | <input type="checkbox"/> Grave                    | 23                | <input type="checkbox"/> Fire Cracked Rock                    |                                              |
| 24        | <input type="checkbox"/> Hearth                   | 25                | <input type="checkbox"/> Floral Remains                       | Depth Indicator                              |
| 26        | <input type="checkbox"/> Jump                     | 27                | <input type="checkbox"/> Fossil                               | 28 <u>2</u>                                  |
| 29        | <input type="checkbox"/> Mound                    | 30                | <input type="checkbox"/> Hide, Hair, Fur                      |                                              |
| 31        | <input type="checkbox"/> Other Rock Features      | 32                | <input type="checkbox"/> Human Remains                        | CULTURAL/TEMPORAL                            |
| 33        | <input type="checkbox"/> Pit                      | 34                | <input type="checkbox"/> Projectile Point                     | AFFILIATION                                  |
| 35        | <input type="checkbox"/> Quarry/Mine              | 36                | <input type="checkbox"/> Shell (worked)                       | 37 <input type="checkbox"/> Paleo            |
| 38        | <input type="checkbox"/> Rock Art                 | 39                | <input type="checkbox"/> Stone, chipped                       | 40 <input type="checkbox"/> Archaic          |
| 41        | <input type="checkbox"/> Rock Shelter             | 42                | <input type="checkbox"/> Stone, ground                        | 43 <input type="checkbox"/> Late Prehistoric |
| 44        | <input type="checkbox"/> Stone Circle             | 45                | <input type="checkbox"/> Trade Good (non-Native)              | 46 <u>IC</u> 47 Historic                     |
| 48        | <input type="checkbox"/> Trail (not recent)       | 49                | <input type="checkbox"/> Wood (worked)                        | 50 <input type="checkbox"/> Period Unknown   |
| 51        | <input type="checkbox"/> Miscellaneous            | 52                | <input checked="" type="checkbox"/> Other                     |                                              |
|           |                                                   | CM Density        |                                                               | Basis for Dating                             |
| 53        | <input checked="" type="checkbox"/> Isolated Find | 54                | <u>1</u>                                                      | 55 <u>3</u>                                  |

### III. ENVIRONMENT

| Landform 1      | Landform 2           | Slope/Exposure     | View, degree   | View, distance      |
|-----------------|----------------------|--------------------|----------------|---------------------|
| <u>1</u><br>56  | <u>7</u><br>57 58    | <u>10</u><br>59 60 | <u>4</u><br>61 | <u>2</u><br>62      |
| Elevation       | Drainage System      |                    |                | Dist Perm Water     |
| <u>2-8</u> m.   | <u>PENEINE RIVER</u> |                    |                | <u>2160</u> m.      |
| 63 67           | 1                    |                    | 21             | 22 26               |
| Perm Water Type | Dist Seas Water      | Seas Water Type    |                | Ecosystem           |
| <u>3</u><br>27  | <u>28</u> <u>32</u>  | <u>33</u>          |                | <u>34</u> <u>37</u> |

**IV. C.R.M.**

| Ownership           | Site Condition | Collection                | Test      | Excavation |
|---------------------|----------------|---------------------------|-----------|------------|
| <u>38</u>           | <u>39</u>      | <u>40</u>                 | <u>41</u> | <u>42</u>  |
| Fieldwork Date      |                | Management Recommendation |           |            |
| <u>43</u> <u>48</u> |                | <u>49</u>                 |           |            |

Additional Information  
CM-ALSTORIC, CHAFFINCS

OFFICE USE ONLY

| OFFICE USE ONLY     |                     |            |                     |                                                                       |           |
|---------------------|---------------------|------------|---------------------|-----------------------------------------------------------------------|-----------|
| Soil Association    | Ecozone             | Area Signf | CR Type             | Verified Site                                                         | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u>           | <u>48</u>                                                             | <u>49</u> |
| State Register      | National Register   |            | E C F T F           | MS Number                                                             |           |
| <u>50</u>           | <u>51</u>           |            | <u>52</u> <u>53</u> | <u>54</u> <u>55</u> <u>56</u> <u>57</u> <u>58</u> <u>59</u> <u>60</u> | <u>61</u> |

Coder

Date Coded 5-1-68

|                         |                                                             |                   |
|-------------------------|-------------------------------------------------------------|-------------------|
| Field Code <u>USD-3</u> | NDCRS ARCHEOLOGY SITE FORM<br>Descriptive Section<br>Page 2 | Site Number _____ |
|-------------------------|-------------------------------------------------------------|-------------------|

|     |                                       |                                                                                                                                                                                                                                                                                                                                                 |
|-----|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Access                                | Access to the site is on a gravel road, 3 miles east and north of<br><u>Neche, 1/2 mile south of the International border. The site is 1/2 mile</u><br><u>north of the gravel road on a dirt section road. The site is about</u><br><u>150 meters west of the dirt section road and 200 meters south of the</u><br><u>International Border.</u> |
| 2.  | Description of Site                   | The site is in a cultivated field. The site<br>area is only about 10 meters in diameter and consists of a light scatter<br>of historic artifacts, glass and ceramics.                                                                                                                                                                           |
| 3.  | Description of Cultural Materials     | Several broken pieces of <del>glass and</del><br>historic ceramics were recovered from the site. No dates are<br>discernible from the remains.                                                                                                                                                                                                  |
| 4.  | Artifact Repository                   | University of South Dakota Archaeology Laboratory                                                                                                                                                                                                                                                                                               |
| 5.  | Description of Subsurface Testing     | None                                                                                                                                                                                                                                                                                                                                            |
| 6.  | Current Use of Site                   | Crops, wheat                                                                                                                                                                                                                                                                                                                                    |
| 7.  | Owner's Name/Address                  | F. Kent Phyllis Vosper                                                                                                                                                                                                                                                                                                                          |
| 8.  | Vegetation                            | Crops, wheat                                                                                                                                                                                                                                                                                                                                    |
| 9.  | Cover (% of visible ground)           | 50%, in wheat                                                                                                                                                                                                                                                                                                                                   |
| 10. | Man-hours spent on site               | 2                                                                                                                                                                                                                                                                                                                                               |
| 11. | Project Title                         | <u>Pembilier Dam and Flood Control</u> P.I. <u>Kenneth L. Brown</u>                                                                                                                                                                                                                                                                             |
| 12. | Report Title                          | <u>Author</u> <u>K and M Brown</u>                                                                                                                                                                                                                                                                                                              |
| 13. | Other Published References            | None                                                                                                                                                                                                                                                                                                                                            |
| 14. | Owner-Address of Collections Observed | None                                                                                                                                                                                                                                                                                                                                            |
| 15. | Statement of Integrity                |                                                                                                                                                                                                                                                                                                                                                 |
| 16. | Statement of Significance             | This site is a find spot with only a few<br>historic cultural remains. They may be due to farming activities,<br>refreshments which met their fate, or a small farmstead.<br><br>This site does not require additional investigations.                                                                                                          |
| 17. | Comments/References                   |                                                                                                                                                                                                                                                                                                                                                 |

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Recorded by <u>Kenneth L. And Marie E. Brown</u> | Date <u>8/9/81</u> |
|--------------------------------------------------|--------------------|

Field Code USD-3

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograp  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographi  
section.



B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_  
USD-3 Pembina

Storage Location \_\_\_\_\_  
USDAL

Canada

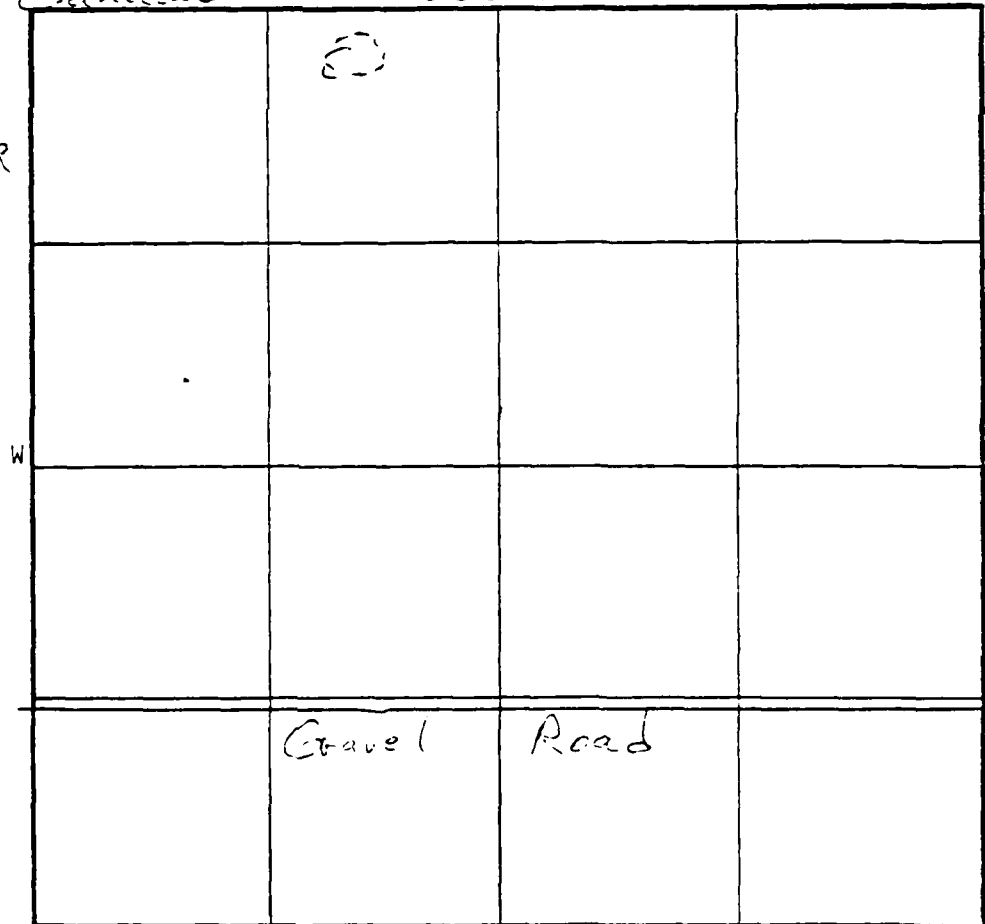
SKETCH MAP

Map Key:

--- site area

Map Scale:

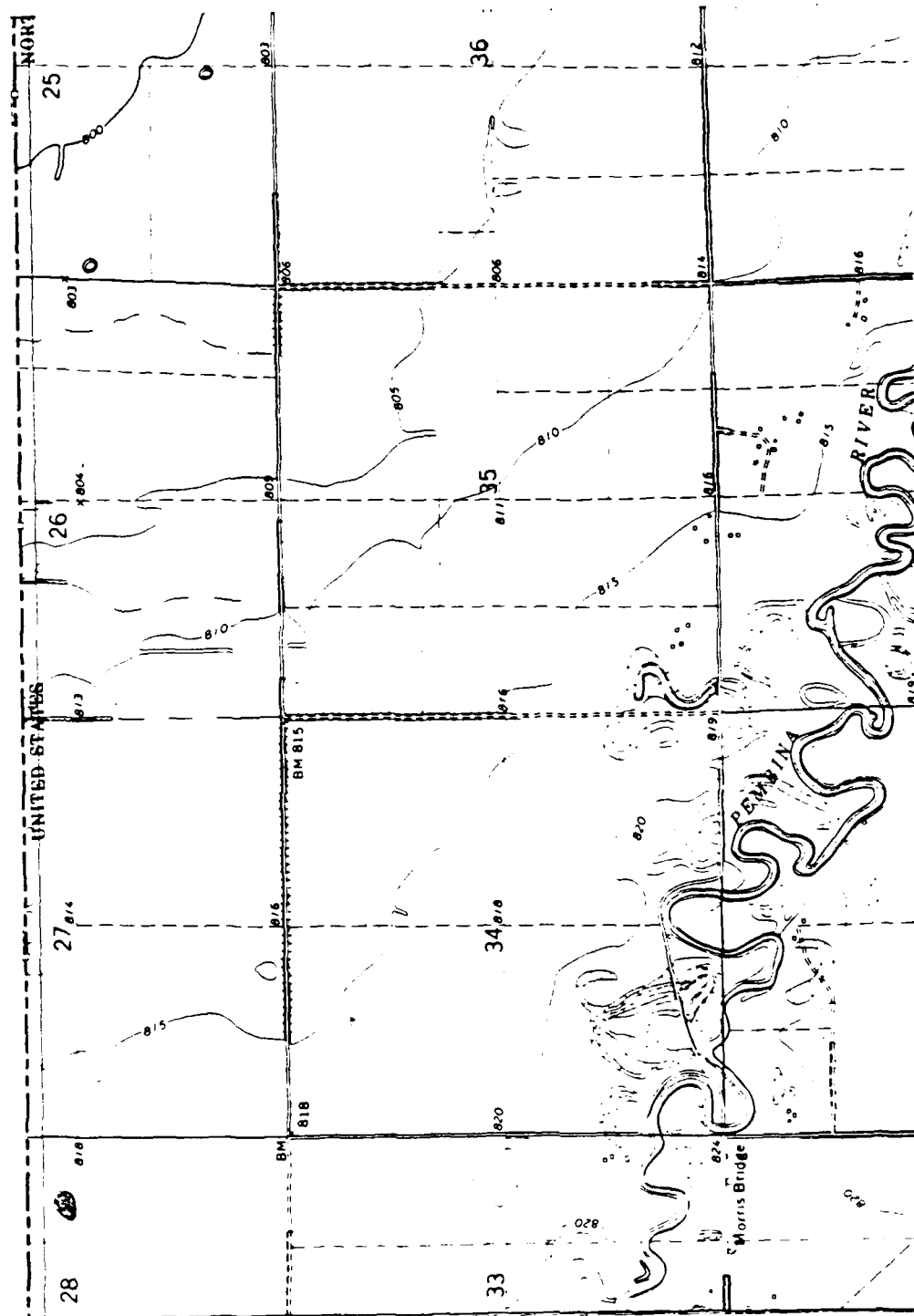
2000 ft



Recorded by Kenneth and Marie Brown

Date 8/9/81

USD-3



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 15L-7 State 32 County PE Site Number 11 13 15 18

Site Name 19 38 LTL 0 Twp 1 2 3 R 5 4 Sec 6 QQQ 7 QQ 6 Q 7

Map Quad 51 68 LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>

69 70 77 78 79 80

1.  $1\frac{1}{2}$
2.  $E\frac{1}{2}$
3.  $S\frac{1}{2}$
4.  $W\frac{1}{2}$
5.  $NE\frac{1}{4}$
6.  $SE\frac{1}{4}$
7.  $SW\frac{1}{4}$
8.  $NW\frac{1}{4}$
9. C

II. SITE DESCRIPTION

|           |                      |                   |                           |                               |
|-----------|----------------------|-------------------|---------------------------|-------------------------------|
| SITE TYPE |                      | CULTURAL MATERIAL |                           | Site Area                     |
| 1         | Conical Timber Lodge | 2                 | Bone (worked)             | 5 <u>15,000</u> $12 m^2$      |
| 3         | CM Scatter           | 4                 | Ceramics (Native)         | Cultural Depth                |
| 13        | Earthlodge Village   | 14                | Charcoal                  | 19 <u>21</u>                  |
| 15        | Earthworks           | 16                | Copper (Native)           | Depth Indicator               |
| 17        | Fortification        | 18                | Faunal Remains (skeletal) | 28 <u>0</u>                   |
| 22        | Grave                | 23                | Fire Cracked Rock         | CULTURAL/TEMPORAL AFFILIATION |
| 24        | Hearth               | 25                | Floral Remains            | 37 <u>Paleo</u>               |
| 26        | Jump                 | 27                | Fossil                    | 40 <u>Archaic</u>             |
| 29        | Mound                | 30                | Hide, Hair, Fur           | 43 <u>Late Prehistoric</u>    |
| 31        | Other Rock Features  | 32                | Human Remains             | 46 <u>47 Historic</u>         |
| 33        | Pit                  | 34                | Projectile Point          | 50 <u>I Period Unknown</u>    |
| 35        | Quarry/Mine          | 36                | Shell (worked)            |                               |
| 38        | Rock Art             | 39                | Stone, chipped            |                               |
| 41        | Rock Shelter         | 42                | Stone, ground             |                               |
| 44        | Stone Circle         | 45                | Trade Good (non-Native)   |                               |
| 48        | Trail (not recent)   | 49                | Wood (worked)             |                               |
| 51        | Miscellaneous        | 52                | Other                     |                               |

53 Isolated Find CM Density 54 Basis for Dating 55

III. ENVIRONMENT

Landform 1 3 Landform 2 10 Slope/Exposure 1 View, degree 4

56 57 58 59 60 61 62

Elevation 63 67 Drainage System 1 Dist Perm Water 100 m.

Perm Water Type 27 Dist Seas Water 28 32 Seas Water Type 33 Ecosystem 34 37

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 40 Test 41 Excavation 42

Fieldwork Date 43 48 Management Recommendation 49

Additional Information 1 40

OFFICE USE ONLY

Soil Association 41 43 Ecozone 44 45 Area Signf 46 CR Type 47 Verified Site 48 Non-Site 49

State Register 50 National Register 51 E C F T F MS Number 52 53 54 61

Coder

Date Coded

## NDCRS ARCHEOLOGY SITE FORM -

Field Code USD-9

## Descriptive Section

Site Number \_\_\_\_\_

Page 2

1. Access Access to the site is 2 miles north of Walhalla, then 10<sup>1</sup>/<sub>2</sub> miles east on Pembina 55 highway, across the Pembina River, and to the first open, cultivated field north of the highway, located within a recently dozed forest area. A lot of channel scars are present. The site is 1/8 mile north west of the highway.
2. Description of Site The site is located between two old channel scars of the Pembina River. The site has recently been cleared of timber by dozing. It is within a cultivated field surrounded by timber on the south and west.
3. Description of Cultural Materials A large quantity of bone fragments, bison/cow size, were recovered. None have any discernible butchering marks or cut marks. No other artifacts were recovered.
4. Artifact Repository University of South Dakota Archeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address J and M Guenther
8. Vegetation Crops, wheat
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 3
11. Project Title Pembilier Dam and Flood Control p.I. Kenneth L. Brown
12. Report Title Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site, consisting of only bone fragments, does not warrant further investigations.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/11/81

Field Code USD-9

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographi  
section.



Photo I.D. Code B.W. ☒ Color ☐

USD-9 Pembina

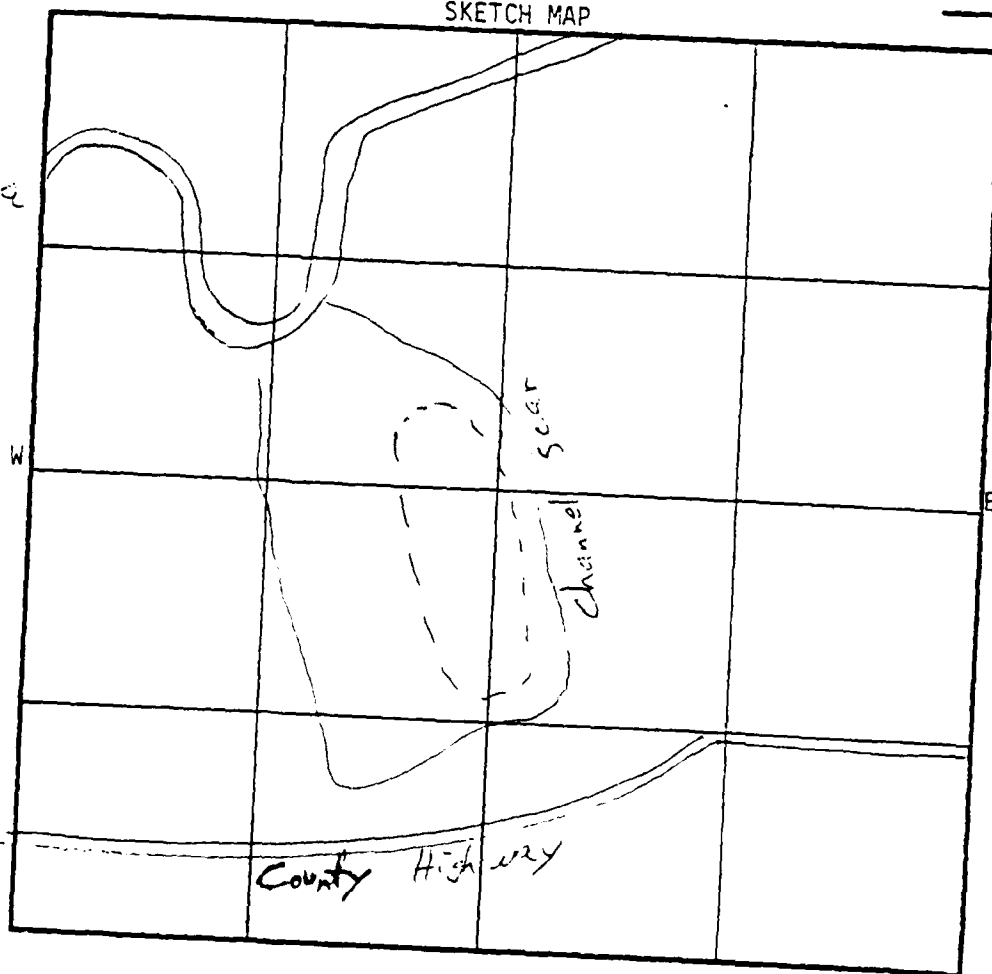
Storage Location \_\_\_\_\_

USDAL

SKETCH MAP

Map Key:

--- site area



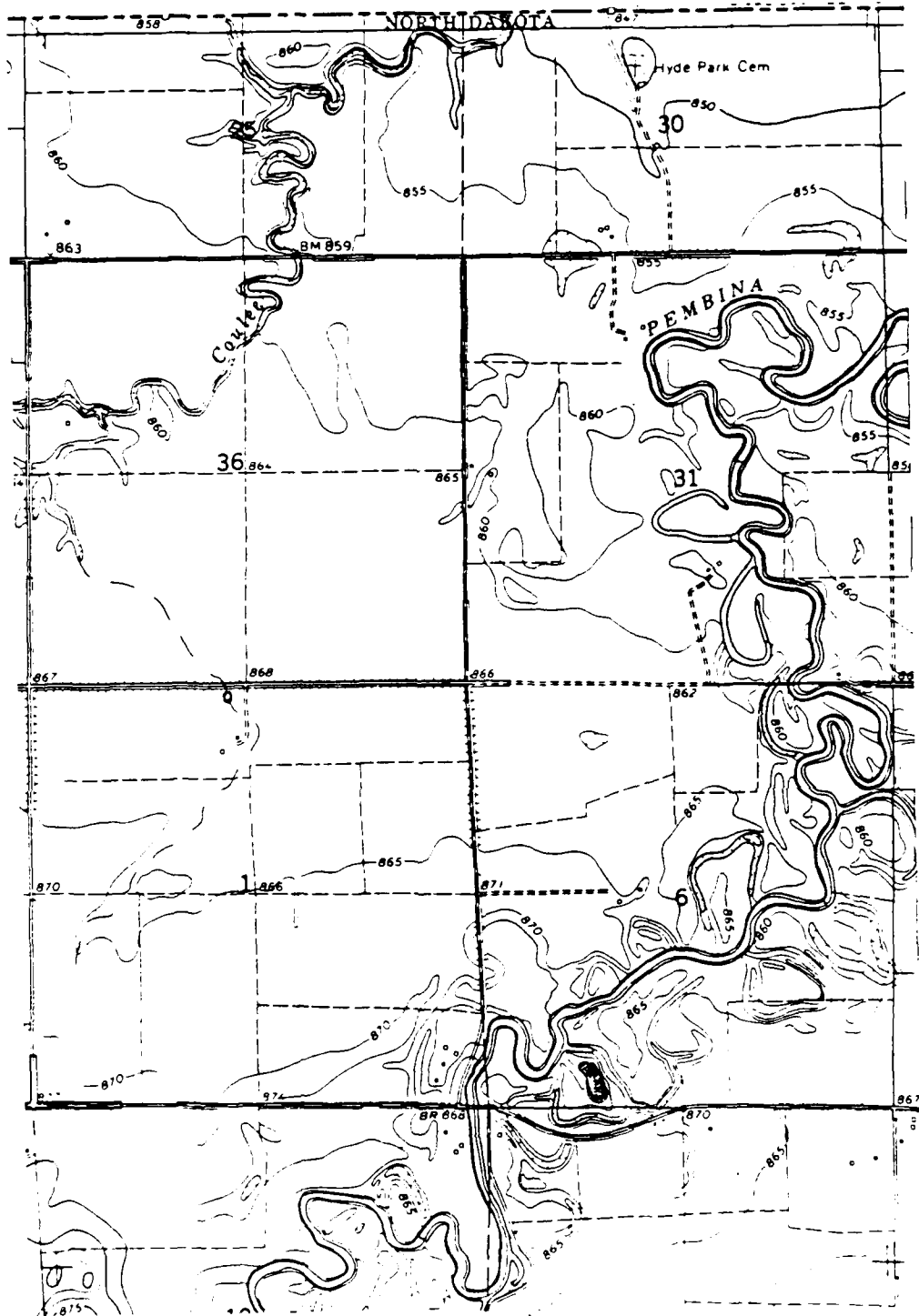
Map Scale:

1 200 ft

Recorded by Kenneth and Marie Brown

Date 8/11/81

650-9





NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

I. SITE I.D.

|                 |          |            |           |          |             |
|-----------------|----------|------------|-----------|----------|-------------|
| Field Code      | SITS #   |            | State     | County   | Site Number |
| <u>10-10</u>    |          |            | <u>3</u>  | <u>2</u> | <u>15</u>   |
| 1               |          |            | 11        | 13       | 15          |
| Site Name       | LTL      | Twp        | R         | Sec      | QQQ         |
| <u>19</u>       | <u>0</u> | <u>163</u> | <u>54</u> | <u>6</u> | <u>8</u>    |
| 38              | 39       | 40         | 47        | 48       | 49          |
| Map Quad        | LTL      | Twp        | R         | Sec      | QQQ         |
| <u>10-10-10</u> | <u>0</u> | <u>163</u> | <u>54</u> | <u>6</u> | <u>8</u>    |
| 51              | 69       | 70         | 77        | 78       | 79          |
| 68              | 80       |            |           |          |             |

II. SITE DESCRIPTION

|           |                      |                   |                           |                                  |
|-----------|----------------------|-------------------|---------------------------|----------------------------------|
| SITE TYPE |                      | CULTURAL MATERIAL |                           | Site Area                        |
| 1         | Conical Timber Lodge | 2                 | Bone (worked)             | 5 <u>30000</u> 12 m <sup>2</sup> |
| 3         | CM Scatter           | 4                 | Ceramics (Native)         | Cultural Depth                   |
| 13        | Earthlodge Village   | 14                | Charcoal                  | 19 <u>21</u>                     |
| 15        | Earthworks           | 16                | Copper (Native)           | Depth Indicator                  |
| 17        | Fortification        | 18                | Faunal Remains (skeletal) | 28 <u>0</u>                      |
| 22        | Grave                | 23                | Fire Cracked Rock         | CULTURAL/TEMPORAL AFFILIATION    |
| 24        | Hearth               | 25                | Floral Remains            | 37 <u>Paleo</u>                  |
| 26        | Jump                 | 27                | Fossil                    | 40 <u>Archaic</u>                |
| 29        | Mound                | 30                | Hide, Hair, Fur           | 43 <u>Late Prehistoric</u>       |
| 31        | Other Rock Features  | 32                | Human Remains             | 46 <u>47 Historic</u>            |
| 33        | Pit                  | 34                | Projectile Point          | 50 <u>Period Unknown</u>         |
| 35        | Quarry/Mine          | 36                | Shell (worked)            |                                  |
| 38        | Rock Art             | 39                | Stone, chipped            |                                  |
| 41        | Rock Shelter         | 42                | Stone, ground             |                                  |
| 44        | Stone Circle         | 45                | Trade Good (non-Native)   |                                  |
| 48        | Trail (not recent)   | 49                | Wood (worked)             |                                  |
| 51        | Miscellaneous        | 52                | Other                     |                                  |
| 53        | Isolated Find        | CM Density        | Basis for Dating          |                                  |
|           |                      | 54 <u>1</u>       | 55 <u>1</u>               |                                  |

III. ENVIRONMENT

|                  |                         |                          |              |                 |
|------------------|-------------------------|--------------------------|--------------|-----------------|
| Landform 1       | Landform 2              | Slope/Exposure           | View, degree | View, distance  |
| 56 <u>1</u>      | 57 <u>8</u> 58 <u>1</u> | 59 <u>10</u> 60 <u>1</u> | 61 <u>1</u>  | 62 <u>1</u>     |
| Elevation        | Drainage System         | Dist Perm Water          |              |                 |
| 63 <u>200</u> m. | 64 <u>1</u>             | 65 <u>1</u>              | 66 <u>1</u>  | 67 <u>50</u> m. |
| Perm Water Type  | Dist Seas Water         | Seas Water Type          | Ecosystem    |                 |
| 27 <u>1</u>      | 28 <u>1</u> 32 <u>1</u> | 33 <u>1</u>              | 34 <u>1</u>  | 37 <u>1</u>     |

IV. C.R.M.

|                         |                           |             |             |             |
|-------------------------|---------------------------|-------------|-------------|-------------|
| Ownership               | Site Condition            | Collection  | Test        | Excavation  |
| 38 <u>1</u>             | 39 <u>1</u>               | 40 <u>3</u> | 41 <u>1</u> | 42 <u>0</u> |
| Fieldwork Date          | Management Recommendation |             |             |             |
| 43 <u>1</u> 48 <u>1</u> | 49 <u>1</u>               |             |             |             |

OFFICE USE ONLY

|                        |                   |              |              |               |              |
|------------------------|-------------------|--------------|--------------|---------------|--------------|
| Additional Information |                   |              |              |               |              |
| 1                      |                   |              |              |               |              |
| OFFICE USE ONLY        |                   |              |              |               |              |
| Soil Association       | Ecozone           | Area Signf   | CR Type      | Verified Site | Non-Site     |
| 41 <u>43</u>           | 44 <u>45</u>      | 46 <u>46</u> | 47 <u>47</u> | 48 <u>48</u>  | 49 <u>49</u> |
| State Register         | National Register | E C F        | T F          | MS Number     |              |
| 50 <u>50</u>           | 51 <u>51</u>      | 52 <u>52</u> | 53 <u>53</u> | 54 <u>54</u>  | 61 <u>61</u> |

Coder 10-10-10 Date Coded 10-10-10

NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                     |  |                   |                  |                |                  |                  |                 |                |  |
|---------------------|--|-------------------|------------------|----------------|------------------|------------------|-----------------|----------------|--|
| Field Code          |  | State             |                  | County         |                  | SITS #           |                 | Site Number    |  |
| <u>1</u> <u>10</u>  |  | <u>3</u> <u>2</u> |                  | <u>PE</u>      |                  |                  |                 |                |  |
| Site Name           |  | LTL               | Twp              | R              | Sec              | QQQ              | QQ              | Q              |  |
| <u>19</u> <u>38</u> |  | <u>0</u>          | <u>163</u>       | <u>54</u>      | <u>6</u>         | <u>6</u>         | <u>5</u>        | <u>7</u>       |  |
| Map Quad            |  | LTL <sub>a</sub>  | Twp <sub>a</sub> | R <sub>a</sub> | Sec <sub>a</sub> | QQQ <sub>a</sub> | QQ <sub>a</sub> | Q <sub>a</sub> |  |
| <u>51</u> <u>68</u> |  | <u>69</u>         | <u>70</u>        |                | <u>77</u>        | <u>78</u>        | <u>79</u>       | <u>80</u>      |  |

II. SITE DESCRIPTION

|                            |                                               |                   |                                                    |                               |                            |
|----------------------------|-----------------------------------------------|-------------------|----------------------------------------------------|-------------------------------|----------------------------|
| SITE TYPE                  |                                               | CULTURAL MATERIAL |                                                    | Site Area                     |                            |
| 1                          | <input type="checkbox"/> Conical Timber Lodge | 2                 | <input type="checkbox"/> Bone (worked)             | 5                             | <u>12</u> m <sup>2</sup>   |
| 3                          | <input type="checkbox"/> CM Scatter           | 4                 | <input type="checkbox"/> Ceramics (Native)         |                               |                            |
| 13                         | <input type="checkbox"/> Earthlodge Village   | 14                | <input type="checkbox"/> Charcoal                  |                               |                            |
| 15                         | <input type="checkbox"/> Earthworks           | 16                | <input type="checkbox"/> Copper (Native)           | Cultural Depth                |                            |
| 17                         | <input type="checkbox"/> Fortification        | 18                | <input type="checkbox"/> Faunal Remains (skeletal) | 19                            | <u>21</u>                  |
| 22                         | <input type="checkbox"/> Grave                | 23                | <input type="checkbox"/> Fire Cracked Rock         |                               |                            |
| 24                         | <input type="checkbox"/> Hearth               | 25                | <input type="checkbox"/> Floral Remains            | Depth Indicator               |                            |
| 26                         | <input type="checkbox"/> Jump                 | 27                | <input type="checkbox"/> Fossil                    | 28                            | <u>  </u>                  |
| 29                         | <input type="checkbox"/> Mound                | 30                | <input type="checkbox"/> Hide, Hair, Fur           |                               |                            |
| 31                         | <input type="checkbox"/> Other Rock Features  | 32                | <input type="checkbox"/> Human Remains             | CULTURAL/TEMPORAL AFFILIATION |                            |
| 33                         | <input type="checkbox"/> Pit                  | 34                | <input type="checkbox"/> Projectile Point          | 37                            | <u>  </u> Paleo            |
| 35                         | <input type="checkbox"/> Quarry/Mine          | 36                | <input type="checkbox"/> Shell (worked)            | 40                            | <u>  </u> Archaic          |
| 38                         | <input type="checkbox"/> Rock Art             | 39                | <input type="checkbox"/> Stone, chipped            | 43                            | <u>  </u> Late Prehistoric |
| 41                         | <input type="checkbox"/> Rock Shelter         | 42                | <input type="checkbox"/> Stone, ground             | 46                            | <u>  </u> 47 Historic      |
| 44                         | <input type="checkbox"/> Stone Circle         | 45                | <input type="checkbox"/> Trade Good (non-Native)   | 50                            | <u>  </u> Period Unknown   |
| 48                         | <input type="checkbox"/> Trail (not recent)   | 49                | <input type="checkbox"/> Wood (worked)             |                               |                            |
| 51                         | <input type="checkbox"/> Miscellaneous        | 52                | <input type="checkbox"/> Other                     |                               |                            |
| 53 <u>  </u> Isolated Find |                                               | CM Density        |                                                    | Basis for Dating              |                            |
|                            |                                               | 54 <u>  </u>      |                                                    | 55 <u>  </u>                  |                            |

III. ENVIRONMENT

|                        |                     |                     |                     |                        |
|------------------------|---------------------|---------------------|---------------------|------------------------|
| Landform 1             | Landform 2          | Slope/Exposure      | View, degree        | View, distance         |
| <u>56</u>              | <u>57</u> <u>58</u> | <u>59</u> <u>60</u> | <u>61</u>           | <u>62</u>              |
| Elevation              | Drainage System     |                     |                     | Dist Perm Water        |
| <u>63</u> <u>67</u> m. | <u>1</u>            |                     | <u>21</u>           | <u>22</u> <u>26</u> m. |
| Perm Water Type        | Dist Seas Water     | Seas Water Type     | Ecosystem           |                        |
| <u>27</u>              | <u>28</u> <u>32</u> | <u>33</u>           | <u>34</u> <u>37</u> |                        |

IV. C.R.M.

|                        |                           |            |           |            |
|------------------------|---------------------------|------------|-----------|------------|
| Ownership              | Site Condition            | Collection | Test      | Excavation |
| <u>38</u>              | <u>39</u>                 | <u>40</u>  | <u>41</u> | <u>42</u>  |
| Fieldwork Date         | Management Recommendation |            |           |            |
| <u>43</u> <u>48</u>    | <u>49</u>                 |            |           |            |
| Additional Information |                           |            |           |            |
| <u>1</u> <u>40</u>     |                           |            |           |            |

OFFICE USE ONLY

|                     |                     |            |           |               |           |
|---------------------|---------------------|------------|-----------|---------------|-----------|
| OFFICE USE ONLY     |                     |            |           |               |           |
| Soil Association    | Ecozone             | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register      | National Register   |            | E C F T F | MS Number     |           |
| <u>50</u>           | <u>51</u>           | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder                      Date Coded

Field Code USD-10

NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla, then 10 $\frac{1}{2}$  miles east on Pembina 55 highway, across the Pembina River, to the first cultivated field north of the highway and east of the River. The site is located within a recently dozed field with numerous channel scars.
2. Description of Site The site is located in a cultivated field which was recently dozed to clear the timber. The site is due north of Pembina 55 highway, about  $\frac{1}{2}$  mile. The site is between and within an old channel scar.
3. Description of Cultural Materials Several pieces of bone fragments were recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops, wheat
7. Owner's Name/Address J M Guenther
8. Vegetation Crops, wheat
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The thin scatter of bones, and absence of cultural artifacts does not make this site warrant further investigations.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie Brown

Date 8/11/81

Field Code USD-10

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topogr  
quadrangle that show  
location of the site

Mark the boundaries  
site on the topograph  
section.

B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

USD-10 Pembina

Storage Location \_\_\_\_\_

SKETCH MAP

Map Key:

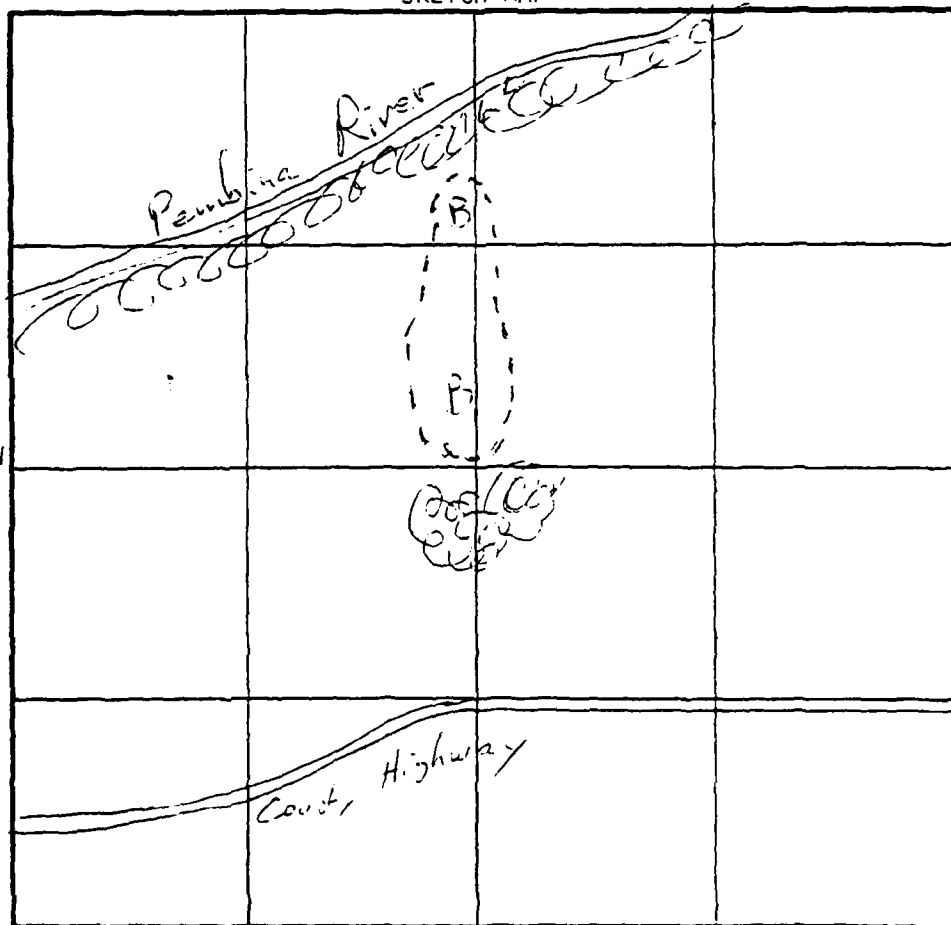
--- site area

B = bone  
concentrations

CC timber

Map Scale:

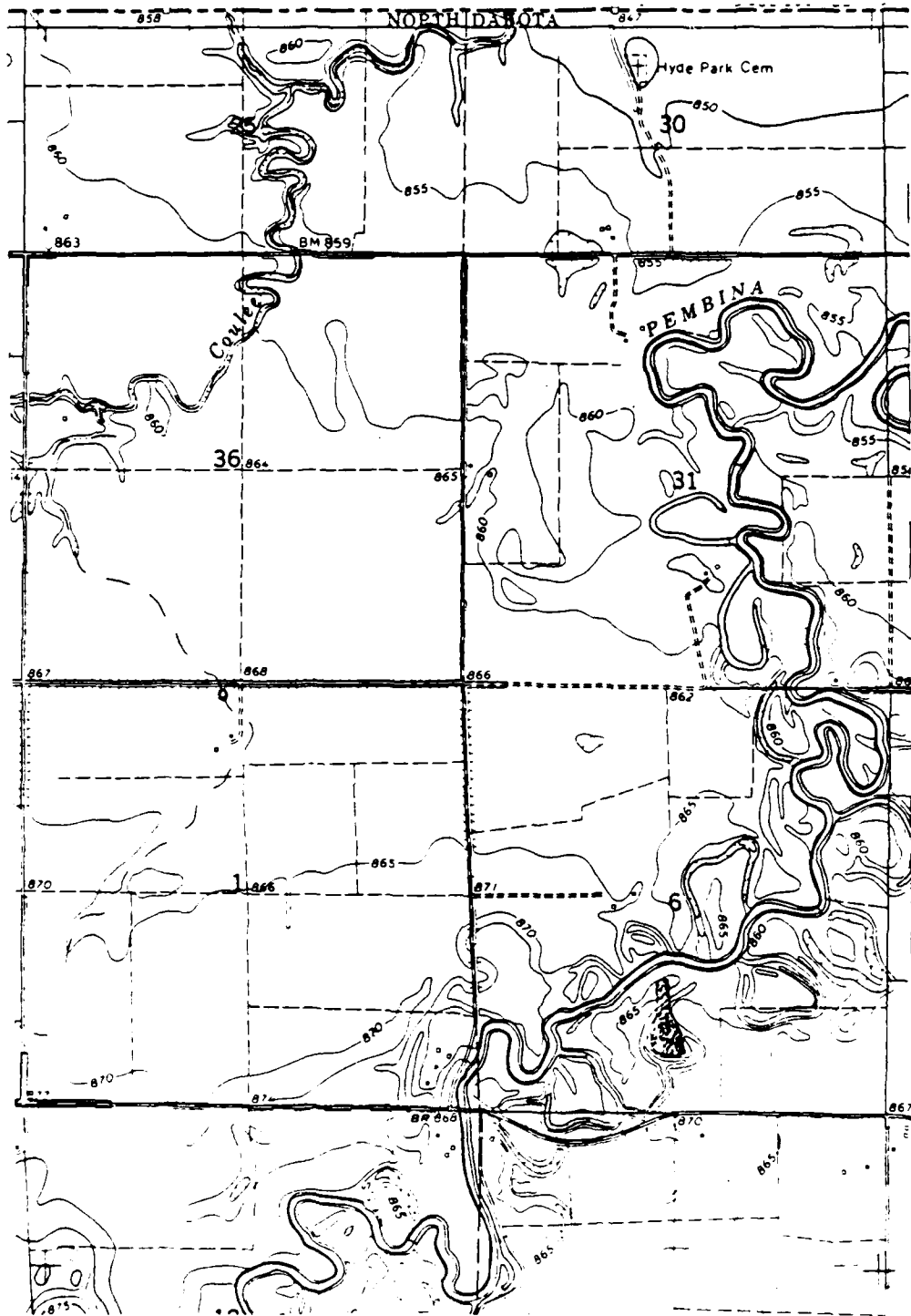
500 ft



Recorded by Kenneth and Marie Brown

Date 8/11/81

050-12



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                   |          |            |           |           |                                                 |
|-------------------|----------|------------|-----------|-----------|-------------------------------------------------|
| Field Code        | SITS #   |            | State     | County    | Site Number                                     |
| <u>100-11</u>     |          |            | <u>32</u> | <u>FE</u> |                                                 |
| 1                 | 11       | 13         | 15        | 18        |                                                 |
| Site Name         | LTL      | Twp        | R         | Sec       | QQQ QQ Q                                        |
| <u>CHILLIE AL</u> | <u>2</u> | <u>163</u> | <u>54</u> | <u>6</u>  | <u>7</u> <u>5</u> <u>6</u>                      |
| 19                | 39       | 40         | 47        | 48        | 49 50                                           |
| Map Quad          | LTL      | Twp        | R         | Sec       | QQQ <sub>a</sub> QQ <sub>a</sub> Q <sub>a</sub> |
| <u>CHILLIE AL</u> | <u>2</u> | <u>163</u> | <u>54</u> | <u>6</u>  | <u>6</u> <u>8</u> <u>6</u>                      |
| 51                | 69       | 70         | 77        | 78        | 79 80                                           |

II. SITE DESCRIPTION

|           |                      |                   |                           |                                  |
|-----------|----------------------|-------------------|---------------------------|----------------------------------|
| SITE TYPE |                      | CULTURAL MATERIAL |                           | Site Area                        |
| 1         | Conical Timber Lodge | 2                 | Bone (worked)             | 5 <u>20000</u> 12 m <sup>2</sup> |
| 3         | CM Scatter           | 4                 | Ceramics (Native)         | Cultural Depth                   |
| 13        | Earthlodge Village   | 14                | Charcoal                  | 19 <u>21</u>                     |
| 15        | Earthworks           | 16                | Copper (Native)           | Depth Indicator                  |
| 17        | Fortification        | 18                | Faunal Remains (skeletal) | 28 <u>0</u>                      |
| 22        | Grave                | 23                | Fire Cracked Rock         | CULTURAL/TEMPORAL AFFILIATION    |
| 24        | Hearth               | 25                | Floral Remains            | 37 <u>Paleo</u>                  |
| 26        | Jump                 | 27                | Fossil                    | 40 <u>Archaic</u>                |
| 29        | Mound                | 30                | Hide, Hair, Fur           | 43 <u>Late Prehistoric</u>       |
| 31        | Other Rock Features  | 32                | Human Remains             | 46 <u>10</u> 47 <u>Historic</u>  |
| 33        | Pit                  | 34                | Projectile Point          | 50 <u>Period Unknown</u>         |
| 35        | Quarry/Mine          | 36                | Shell (worked)            |                                  |
| 38        | Rock Art             | 39                | Stone, chipped            |                                  |
| 41        | Rock Shelter         | 42                | Stone, ground             |                                  |
| 44        | Stone Circle         | 45                | Trade Good (non-Native)   |                                  |
| 48        | Trail (not recent)   | 49                | Wood (worked)             |                                  |
| 51        | Miscellaneous        | 52                | Other                     |                                  |
| 53        | Isolated Find        | CM Density        | Basis for Dating          |                                  |
|           |                      | 54 <u>1</u>       | 55 <u>3</u>               |                                  |

III. ENVIRONMENT

|                 |                      |                 |                     |                 |
|-----------------|----------------------|-----------------|---------------------|-----------------|
| Landform 1      | Landform 2           | Slope/Exposure  | View, degree        | View, distance  |
| <u>56</u>       | <u>57</u> <u>58</u>  | <u>10</u>       | <u>1</u>            | <u>4</u>        |
| Elevation       | Drainage System      |                 |                     | Dist Perm Water |
| <u>207</u> m.   | <u>PERE LA RIVER</u> |                 |                     | <u>135</u> m.   |
| 63              | 67                   | 59              | 60                  | 61              |
| Perm Water Type | Dist Seas Water      | Seas Water Type | Ecosystem           |                 |
| <u>27</u>       | <u>28</u> <u>32</u>  | <u>33</u>       | <u>34</u> <u>37</u> |                 |

IV. C.R.M.

|                        |                           |            |          |            |
|------------------------|---------------------------|------------|----------|------------|
| Ownership              | Site Condition            | Collection | Test     | Excavation |
| <u>38</u>              | <u>39</u>                 | <u>3</u>   | <u>0</u> | <u>0</u>   |
| Fieldwork Date         | Management Recommendation |            |          |            |
| <u>43</u> <u>48</u>    | <u>1</u>                  |            |          |            |
| Additional Information |                           |            |          |            |
| <u>24-6-85</u>         |                           |            |          |            |
| 1                      |                           |            |          | 40         |

OFFICE USE ONLY

|                     |                     |            |           |               |           |
|---------------------|---------------------|------------|-----------|---------------|-----------|
| Soil Association    | Ecozone             | Area Signf | CR Type   | Verified Site | Non-Site  |
| <u>41</u> <u>43</u> | <u>44</u> <u>45</u> | <u>46</u>  | <u>47</u> | <u>48</u>     | <u>49</u> |
| State Register      | National Register   | E C F      | T F       | MS Number     |           |
| <u>50</u>           | <u>51</u>           | <u>52</u>  | <u>53</u> | <u>54</u>     | <u>61</u> |

Coder                     

Date Coded

1. Access Access to the site is 2 miles north of Walhalla, then 10 1/2 miles east on Pembina 55 highway, across the Pembina River, to the first cultivated field north of Pembina 55 highway and east of the River. The site is about 1/4 mile north of the highway.
2. Description of Site The site is located between several old channel scars of the Pembina River. The site is located in a cultivated field which was recently cleared of timber by a dozer.
3. Description of Cultural Materials Several pieces of bone fragments, some with saw and cut marks of recent origin were recovered. ~~No other artifacts were recovered~~
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops, Wheat
7. Owner's Name/Address C L. Symington
8. Vegetation Crops, wheat
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 1
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The few recovered bone, probably of recent origin, does not warrant further investigations at this site.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/11/81

Field Code USD-11

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of  
7.5' U.S.G.S. topograph  
quadrangle that shows  
location of the site.

Mark the boundaries of  
site on the topographic  
section.




B.W. ☒ Color ☐

Photo I.D. Code USD-11 Pembina

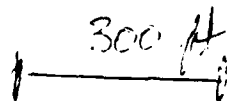
Storage Location USDAL

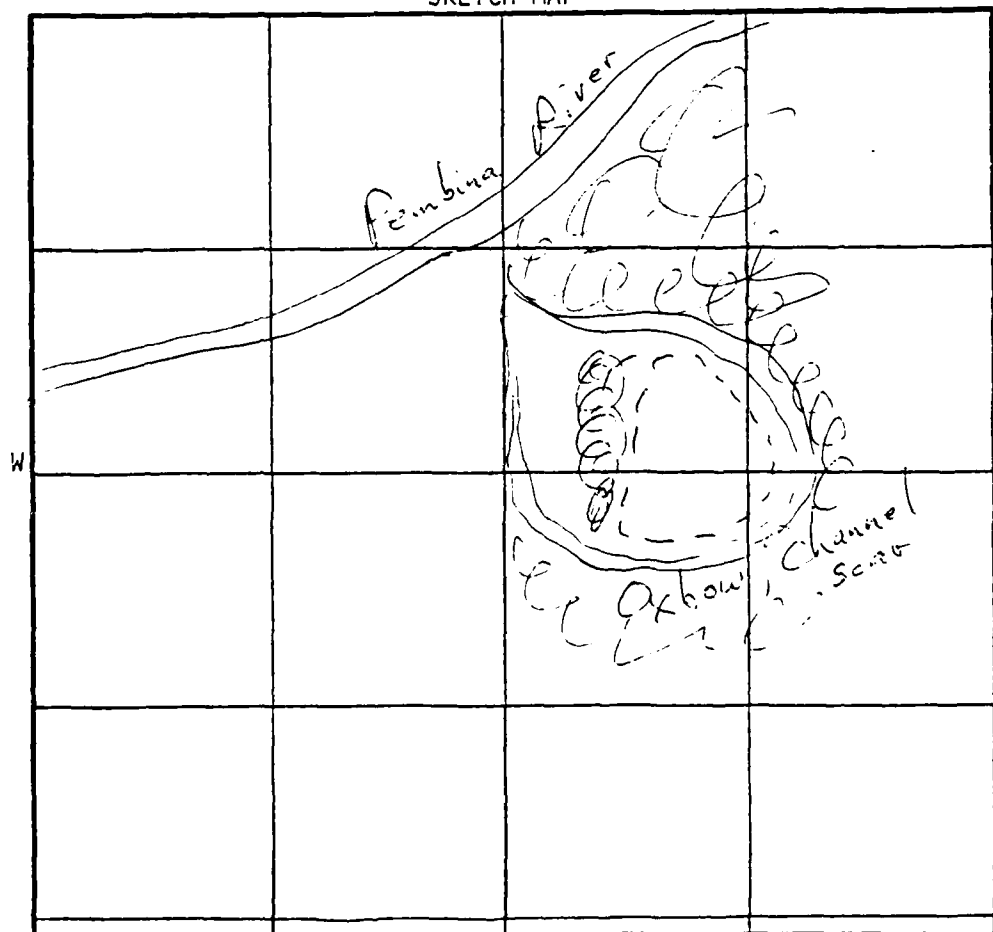
SKETCH MAP

Map Key:

 timber  
--- site  
area

Map Scale:

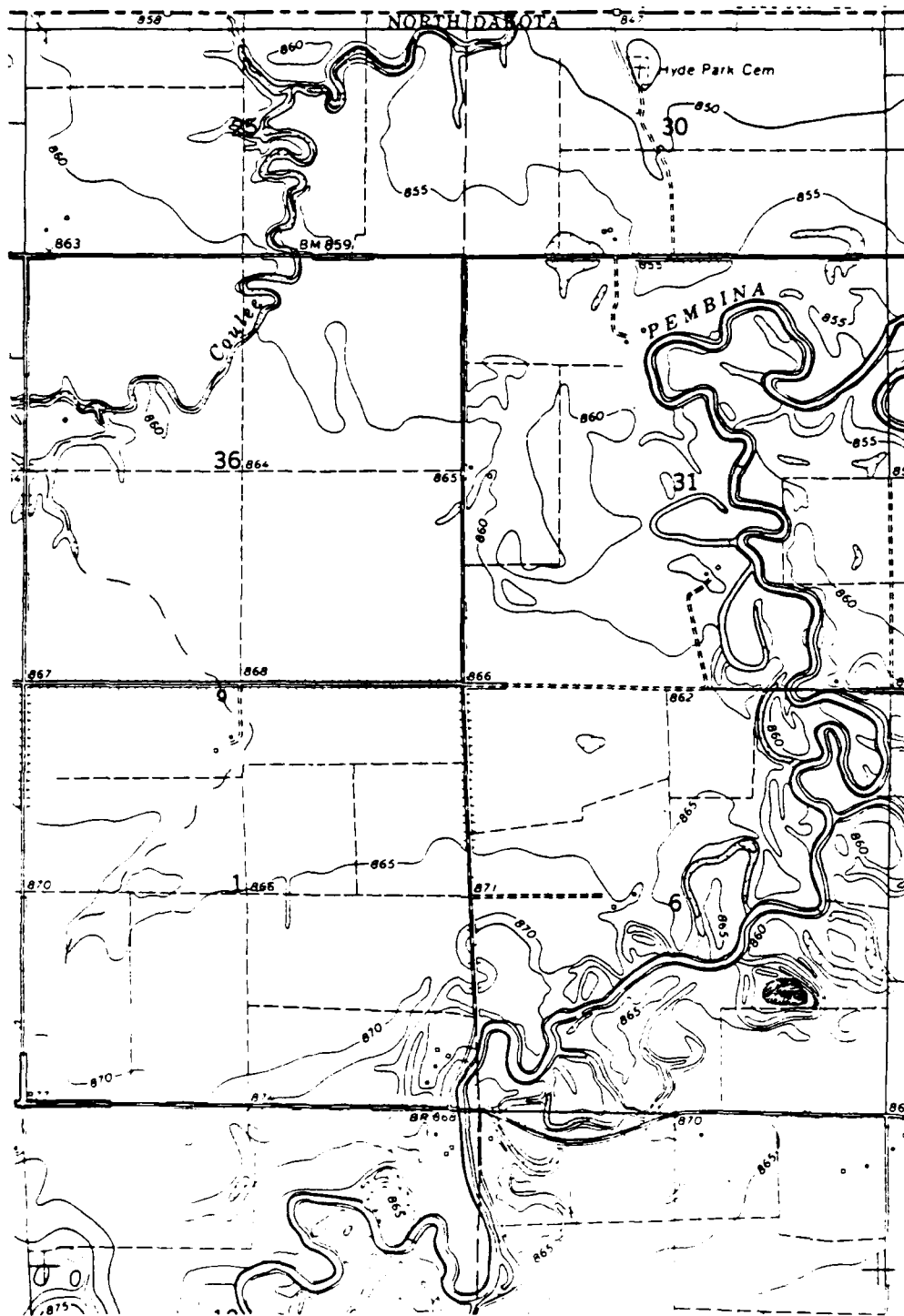
 300 ft



Recorded by County Highway Kenneth and Marie Brown Date 8/11/81



05L-11



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 30-12 State 32 County PE Site Number 11 13 15 18

Site Name 19 38 LTL Twp R Sec QQQ QQ Q  
39 40 47 48 49 50

Map Quad 20-11-ED NW LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
51 68 69 70 77 78 79 80

II. SITE DESCRIPTION

|           |                                               |                   |                                                               |                                                    |
|-----------|-----------------------------------------------|-------------------|---------------------------------------------------------------|----------------------------------------------------|
| SITE TYPE |                                               | CULTURAL MATERIAL |                                                               | Site Area                                          |
| 1         | <input type="checkbox"/> Conical Timber Lodge | 2                 | <input type="checkbox"/> Bone (worked)                        | 5 <u>20000</u> 12 m <sup>2</sup>                   |
| 3         | <input type="checkbox"/> CM Scatter           | 4                 | <input type="checkbox"/> Ceramics (Native)                    | Cultural Depth                                     |
| 13        | <input type="checkbox"/> Earthlodge Village   | 14                | <input type="checkbox"/> Charcoal                             | 19 <u>21</u>                                       |
| 15        | <input type="checkbox"/> Earthworks           | 16                | <input type="checkbox"/> Copper (Native)                      | Depth Indicator                                    |
| 17        | <input type="checkbox"/> Fortification        | 18                | <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 28 <u>0</u>                                        |
| 22        | <input type="checkbox"/> Grave                | 23                | <input type="checkbox"/> Fire Cracked Rock                    | CULTURAL/TEMPORAL AFFILIATION                      |
| 24        | <input type="checkbox"/> Hearth               | 25                | <input type="checkbox"/> Floral Remains                       | 37 <input type="checkbox"/> Paleo                  |
| 26        | <input type="checkbox"/> Jump                 | 27                | <input type="checkbox"/> Fossil                               | 40 <input type="checkbox"/> Archaic                |
| 29        | <input type="checkbox"/> Mound                | 30                | <input type="checkbox"/> Hide, Hair, Fur                      | 43 <input type="checkbox"/> Late Prehistoric       |
| 31        | <input type="checkbox"/> Other Rock Features  | 32                | <input type="checkbox"/> Human Remains                        | 46 <input checked="" type="checkbox"/> 47 Historic |
| 33        | <input type="checkbox"/> Pit                  | 34                | <input type="checkbox"/> Projectile Point                     | 50 <input type="checkbox"/> Period Unknown         |
| 35        | <input type="checkbox"/> Quarry/Mine          | 36                | <input type="checkbox"/> Shell (worked)                       |                                                    |
| 38        | <input type="checkbox"/> Rock Art             | 39                | <input type="checkbox"/> Stone, chipped                       |                                                    |
| 41        | <input type="checkbox"/> Rock Shelter         | 42                | <input type="checkbox"/> Stone, ground                        |                                                    |
| 44        | <input type="checkbox"/> Stone Circle         | 45                | <input type="checkbox"/> Trade Good (non-Native)              |                                                    |
| 48        | <input type="checkbox"/> Trail (not recent)   | 49                | <input type="checkbox"/> Wood (worked)                        |                                                    |
| 51        | <input type="checkbox"/> Miscellaneous        | 52                | <input checked="" type="checkbox"/> Other                     |                                                    |

53 1 Isolated Find CM Density 54 1 Basis for Dating 55 3

III. ENVIRONMENT

Landform 1 8 Landform 2 10 Slope/Exposure 1 View, degree 4 View, distance 5

56 250 m. 57 58 59 60 61 62 62 5 m.

Elevation Drainage System Dist Perm Water

63 250 m. 67 1 21 22 26 34 37

Perm Water Type Dist Seas Water Seas Water Type Ecosystem

27 28 32 33 34 37

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 40 Test 41 Excavation 42

Fieldwork Date 43 Management Recommendation 49

Additional Information 44 45 46 47 48 49

1 40

OFFICE USE ONLY

Soil Association Ecozone Area Signf CR Type Verified Site Non-Site

41 43 44 45 46 47 48 49

State Register National Register E C F T F MS Number

50 51 52 53 54 61

Coder 50-12-12 Date Coded 5-1-80

Field Code USD-13

## NDCRS ARCHEOLOGY SITE FORM

## Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla, then 11½ miles east on Pembina 55 highway, east of the Pembina River. A gravel road, 1½ miles east of the Pembina River bridge on highway 55, going north, following this road 1 mile north, then west for ½ mile, then north ¾ mile. The site is adjacent to the Pembina River.
2. Description of Site The site is in a cultivated field in the northeast corner of a meander loop of the Pembina River. The site is located on very sandy, loam soil. There is a man-made levy on the north and east edge of the site.
3. Description of Cultural Materials Several pieces of bone fragment and several historic ceramic sherds were recovered from the surface of the ground. No other cultural remains were observed.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Frank and Judith Hughes
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The light scatter of bone fragments and few historic ceramic sherds, and the absence of visible features does not warrant further work at this site.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/11/81

Field Code USD-13

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.



B.W. ☒ Color ☐

Photo I.D. Code  
USD-13 Pembina

Storage Location  
USDAL

SKETCH MAP

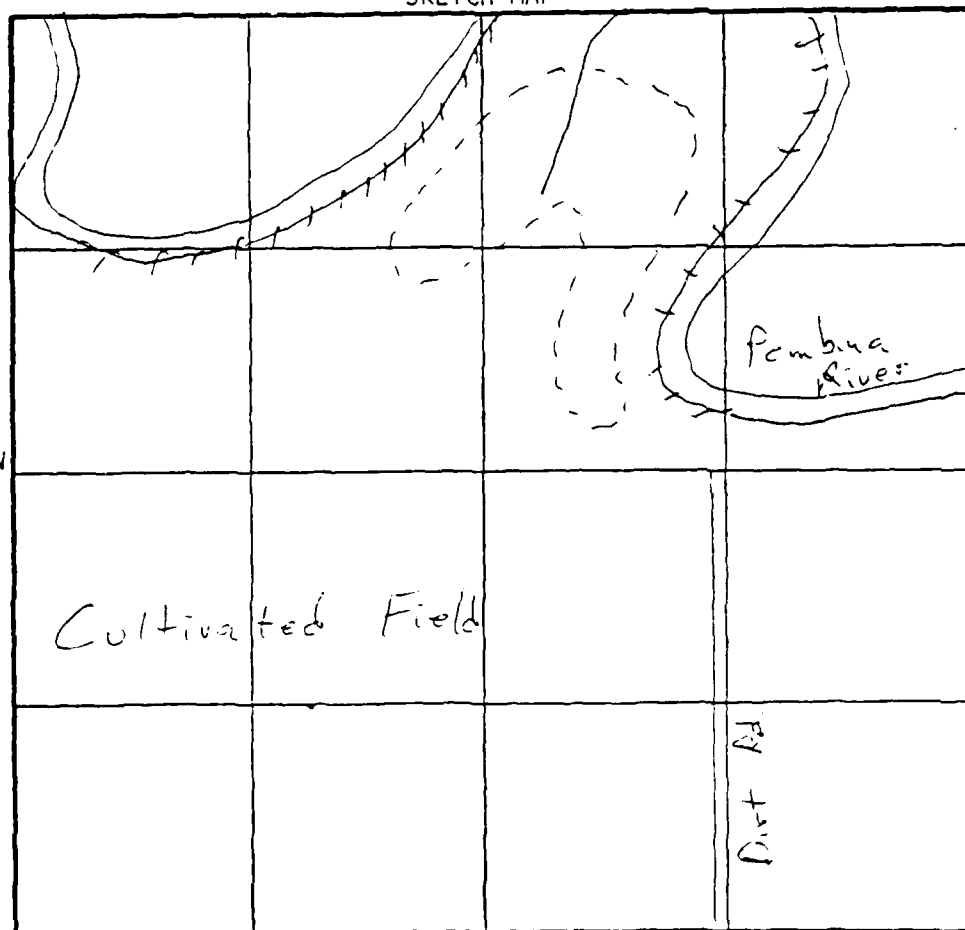
Map Key:

--- site  
area

++++ Levy

Map Scale:

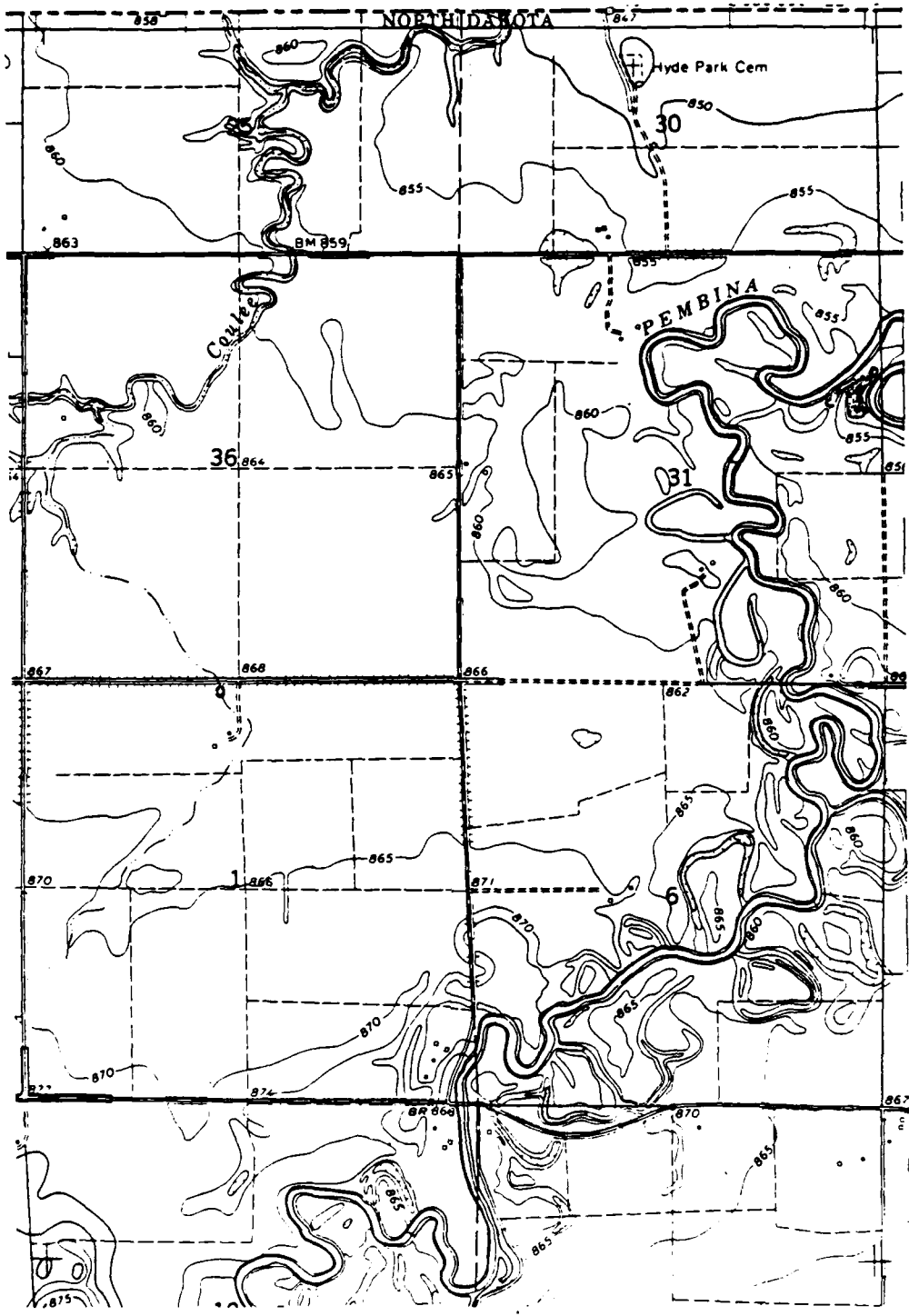
1 250 ft



Recorded by Kenneth and Marie Brown

Date 8/11/81

USO-13



NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 13D-14 State 32 County PD Site Number 11 13 15 18  
 Site Name 19 38 LTL 0 Twp 164 R 5 Sec 635 QQQ 2 QQ 6 Q 8  
 Map Quad 13D-14P LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>  
51 68 69 70 77 78 79 80

II. SITE DESCRIPTION

|                                                 |                                                                  |                                                 |                                               |                                                    |
|-------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|----------------------------------------------------|
| SITE TYPE                                       |                                                                  | CULTURAL MATERIAL                               |                                               | Site Area                                          |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)                         | 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)  | 5 <u>22500</u> 12 m <sup>2</sup>                   |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                             | 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)   | Cultural Depth                                     |
| 17 <input type="checkbox"/> Fortification       | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <input type="checkbox"/> Grave               | 20 <input type="checkbox"/> Fire Cracked Rock | 21 <u>21</u>                                       |
| 22 <input type="checkbox"/> Hearth              | 23 <input type="checkbox"/> Floral Remains                       | 24 <input type="checkbox"/> Jump                | 25 <input type="checkbox"/> Fossil            | Depth Indicator                                    |
| 26 <input type="checkbox"/> Mound               | 27 <input type="checkbox"/> Hide, Hair, Fur                      | 28 <input type="checkbox"/> Other Rock Features | 29 <input type="checkbox"/> Human Remains     | CULTURAL/TEMPORAL                                  |
| 31 <input type="checkbox"/> Pit                 | 32 <input type="checkbox"/> Projectile Point                     | 33 <input type="checkbox"/> Quarry/Mine         | 34 <input type="checkbox"/> Shell (worked)    | 37 <input type="checkbox"/> Paleo                  |
| 35 <input type="checkbox"/> Rock Art            | 36 <input type="checkbox"/> Stone, chipped                       | 38 <input type="checkbox"/> Rock Shelter        | 37 <input type="checkbox"/> Stone, ground     | 40 <input type="checkbox"/> Archaic                |
| 41 <input type="checkbox"/> Stone Circle        | 42 <input type="checkbox"/> Trade Good (non-Native)              | 43 <input type="checkbox"/> Trail (not recent)  | 43 <input type="checkbox"/> Wood (worked)     | 43 <input type="checkbox"/> Late Prehistoric       |
| 44 <input type="checkbox"/> Miscellaneous       | 44 <input type="checkbox"/> Other                                | 45 <input type="checkbox"/> Isolated Find       | 45 <input type="checkbox"/> CM Density        | 46 <input checked="" type="checkbox"/> 47 Historic |
|                                                 |                                                                  |                                                 |                                               | 50 <input type="checkbox"/> Period Unknown         |
|                                                 |                                                                  |                                                 |                                               | Basis for Dating                                   |
|                                                 |                                                                  |                                                 |                                               | 55 <u>3</u>                                        |

III. ENVIRONMENT

Landform 1 7 Landform 2 10 Slope/Exposure 4 View, degree 3  
56 57 58 59 60 61 62  
 Elevation 270 m. Drainage System FISH PARK COULEE Dist Perm Water 4985 m.  
63 67 1 21 22 26  
 Perm Water Type 27 Dist Seas Water 28 32 Seas Water Type 33 Ecosystem 34 37

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 3 Test 0 Excavation 0  
40 41 42  
 Fieldwork Date 43 48 Management Recommendation 1  
49  
 Additional Information CM-HISTORIC CERAMICS, METAL  
1 40

OFFICE USE ONLY

Soil Association 41 43 Ecozone 44 45 Area Signf 46 CR Type 47 Verified Site 48 Non-Site 49  
 State Register 50 National Register 51 E C F T F MS Number 52 53 54 61

Coder 13D-14P Date Coded 10/1/05

1. Access Access to the site is 2 miles north of Walhalla to Pembina 55 highway,  
then east on Pembina 55 highway 2 miles to a gravel section road, going north.  
Go north on gravel section road for 1½ miles. The site is east of the road,  
½ mile east of road in a cultivated field with shelter belts bordering its  
north, east and south sides. The site is near the eastern shelter belt.
2. Description of Site The site is in a cultivated field with shelter belts on the north, east and  
south. The site is near the eastern shelter belt. The site is on very flat  
lands, no visible features.
3. Description of Cultural Materials Only a few bone fragments and some historic  
ceramic sherds and metal fragments were recovered from the surface of the  
ground. The landowner reported finding small, triangular arrowheads at this  
location. We did not see any of these reported arrowheads.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Jack and Delores Huffman
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance Since the landowner reports having found numerous  
arrowheads from this location, even though we did not find much cultural  
material, it is suggested that any future construction activities in the area  
should be delayed until further investigations are made at this location.
17. Comments/References \_\_\_\_\_

Field Code USD-14

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

SITE  
PHOTO

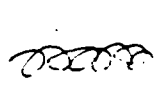
B.W. ☐ Color ☐

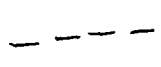
Photo I.D. Code \_\_\_\_\_

Storage Location \_\_\_\_\_

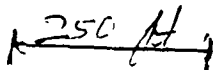
SKETCH MAP

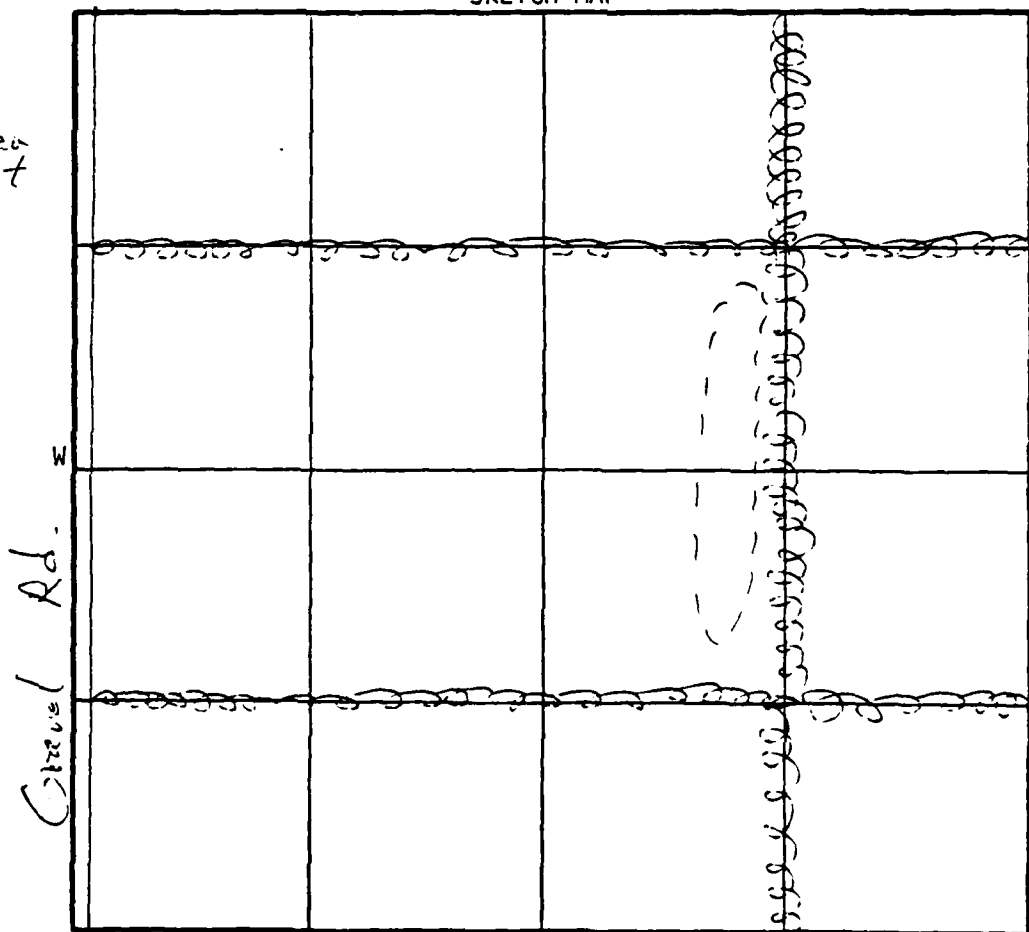
Map Key:

 shelter  
belt

 site  
area

Map Scale:

 250 M



Recorded by Kenneth and Marie Brown

Date 8/11/81



Field Code USD-14

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

SITE  
PHOTO

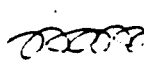
B.W. ☐ Color ☐

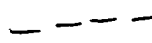
Photo I.D. Code \_\_\_\_\_

Storage Location \_\_\_\_\_

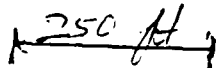
SKETCH MAP

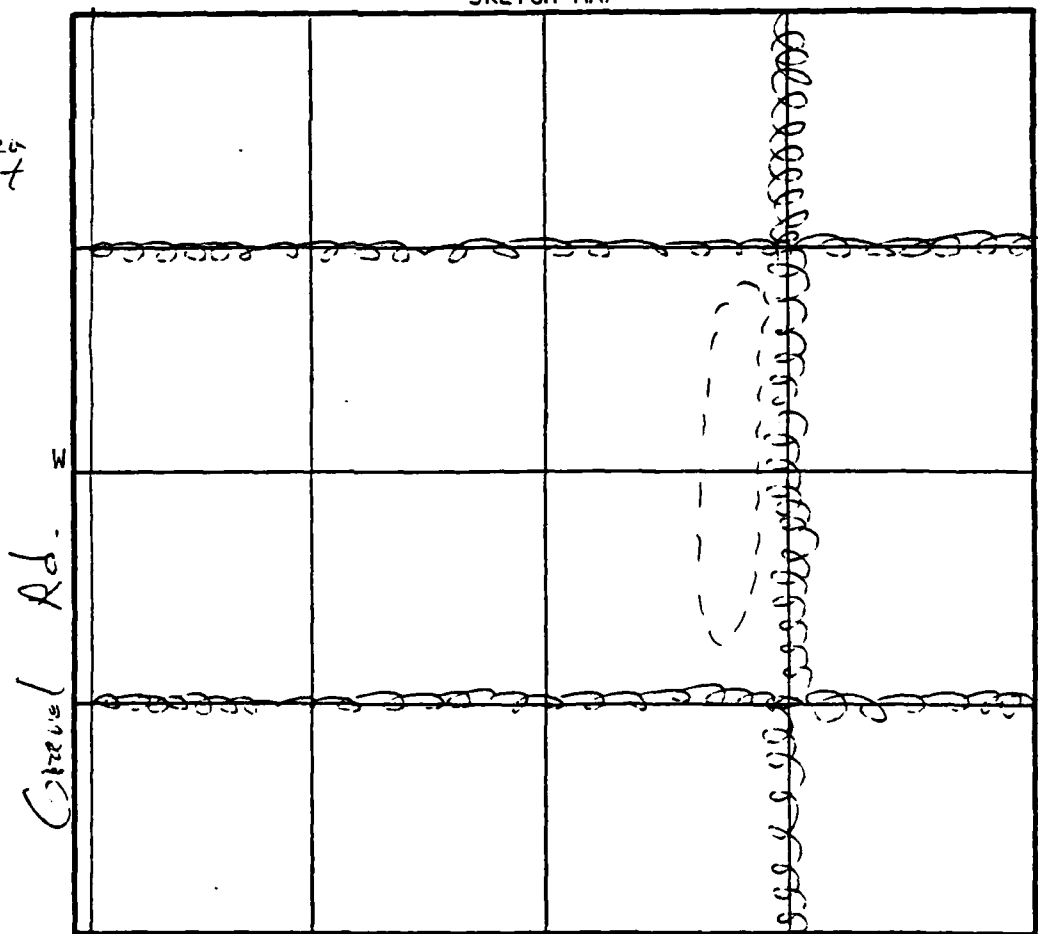
Map Key:

 shelter  
belt

 site  
area

Map Scale:

 250 ft



Recorded by Kenneth and Marie Brown

Date 8/11/81

NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 030-15 SITS #  
 State 32 County PB Site Number  
 11 13 15 18  
 Site Name LTL Twp R Sec QQQ QQ Q  
0 164 5529 1 8 7  
 19 38 39 40 47 48 49 50  
 Map Quad LTL Twp R Sec QQQa QQa Qa  
0 164 5529 3 7 8  
 51 68 69 70 77 78 79 80

II. SITE DESCRIPTION

|                                                 |                                                                  |                                              |  |                                                       |
|-------------------------------------------------|------------------------------------------------------------------|----------------------------------------------|--|-------------------------------------------------------|
| SITE TYPE                                       |                                                                  | CULTURAL MATERIAL                            |  | Site Area                                             |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)                         |                                              |  | 5 <u>7500</u> 12 m <sup>2</sup>                       |
| 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)                     |                                              |  |                                                       |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                             |                                              |  |                                                       |
| 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)                      |                                              |  | Cultural Depth                                        |
| 17 <input type="checkbox"/> Fortification       | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <u>21</u>                                 |  |                                                       |
| 22 <input type="checkbox"/> Grave               | 23 <input type="checkbox"/> Fire Cracked Rock                    |                                              |  | Depth Indicator                                       |
| 24 <input type="checkbox"/> Hearth              | 25 <input type="checkbox"/> Floral Remains                       |                                              |  | 28 <u>0</u>                                           |
| 26 <input type="checkbox"/> Jump                | 27 <input type="checkbox"/> Fossil                               |                                              |  |                                                       |
| 29 <input type="checkbox"/> Mound               | 30 <input type="checkbox"/> Hide, Hair, Fur                      |                                              |  | CULTURAL/TEMPORAL                                     |
| 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Human Remains                        |                                              |  | AFFILIATION                                           |
| 33 <input type="checkbox"/> Pit                 | 34 <input type="checkbox"/> Projectile Point                     |                                              |  | 37 <input type="checkbox"/> Paleo                     |
| 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Shell (worked)                       | 37 <input type="checkbox"/> Paleo            |  | 40 <input type="checkbox"/> Archaic                   |
| 38 <input type="checkbox"/> Rock Art            | 39 <input type="checkbox"/> Stone, chipped                       | 40 <input type="checkbox"/> Archaic          |  | 43 <input type="checkbox"/> Late Prehistoric          |
| 41 <input type="checkbox"/> Rock Shelter        | 42 <input type="checkbox"/> Stone, ground                        | 43 <input type="checkbox"/> Late Prehistoric |  | 46 <input type="checkbox"/> 47 Historic               |
| 44 <input type="checkbox"/> Stone Circle        | 45 <input type="checkbox"/> Trade Good (non-Native)              | 46 <input type="checkbox"/> 47 Historic      |  | 50 <input checked="" type="checkbox"/> Period Unknown |
| 48 <input type="checkbox"/> Trail (not recent)  | 49 <input type="checkbox"/> Wood (worked)                        |                                              |  |                                                       |
| 51 <input type="checkbox"/> Miscellaneous       | 52 <input type="checkbox"/> Other                                |                                              |  |                                                       |

53 ☒ Isolated Find CM Density 54 1 Basis for Dating 55 1

III. ENVIRONMENT

Landform 1 1 Landform 2 7 Slope/Exposure 10 View, degree 2 View, distance 2  
 56 57 58 59 60 61 62  
 Elevation 260 m. Drainage System WASH CREEK CONFLUENCE Dist Perm Water 707.7 m.  
 63 67 1 21 22 26  
 Perm Water Type 1 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34 37

IV. C.R.M.

Ownership 1 Site Condition 39 Collection 3 Test 0 Excavation 0  
 38 40 41 42  
 Fieldwork Date 5/1/83 Management Recommendation 1  
 43 48 49  
 Additional Information

OFFICE USE ONLY

Soil Association 41 43 Ecozone 44 45 Area Signf 46 CR Type 47 Verified Site 48 Non-Site 49  
 State Register 50 National Register 51 E C F T F MS Number 52 53 54 61

Coder 030-15

Date Coded 5/1/83

NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 031-15 SITS #  
State 3.2 County PA Site Number  
11 13 15 18  
Site Name LTL Twp R Sec QQQ QQ Q  
0 16.4 5528 1 8 7  
19 38 39 40 47 48 49 50  
Map Quad LTL Twp R Sec QQQa QQa Qa  
0 16.4 5528 3 7 8  
51 68 69 70 77 78 79 80

1. N $\frac{1}{2}$
2. E $\frac{1}{2}$
3. S $\frac{1}{2}$
4. W $\frac{1}{2}$
5. NE $\frac{1}{4}$
6. SE $\frac{1}{4}$
7. SW $\frac{1}{4}$
8. NW $\frac{1}{4}$
9. C

II. SITE DESCRIPTION

|                                                      |                                               |                   |                                                               |                                                       |
|------------------------------------------------------|-----------------------------------------------|-------------------|---------------------------------------------------------------|-------------------------------------------------------|
| SITE TYPE                                            |                                               | CULTURAL MATERIAL |                                                               | Site Area                                             |
| 1                                                    | <input type="checkbox"/> Conical Timber Lodge | 2                 | <input type="checkbox"/> Bone (worked)                        | 5 <u>7500</u> $12 m^2$                                |
| 3                                                    | <input type="checkbox"/> CM Scatter           | 4                 | <input type="checkbox"/> Ceramics (Native)                    | Cultural Depth                                        |
| 13                                                   | <input type="checkbox"/> Earthlodge Village   | 14                | <input type="checkbox"/> Charcoal                             | 19 <u>21</u>                                          |
| 15                                                   | <input type="checkbox"/> Earthworks           | 16                | <input type="checkbox"/> Copper (Native)                      | Depth Indicator                                       |
| 17                                                   | <input type="checkbox"/> Fortification        | 18                | <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 28 <u>0</u>                                           |
| 22                                                   | <input type="checkbox"/> Grave                | 23                | <input type="checkbox"/> Fire Cracked Rock                    | CULTURAL/TEMPORAL                                     |
| 24                                                   | <input type="checkbox"/> Hearth               | 25                | <input type="checkbox"/> Floral Remains                       | AFFILIATION                                           |
| 26                                                   | <input type="checkbox"/> Jump                 | 27                | <input type="checkbox"/> Fossil                               | 37 <input type="checkbox"/> Paleo                     |
| 29                                                   | <input type="checkbox"/> Mound                | 30                | <input type="checkbox"/> Hide, Hair, Fur                      | 40 <input type="checkbox"/> Archaic                   |
| 31                                                   | <input type="checkbox"/> Other Rock Features  | 32                | <input type="checkbox"/> Human Remains                        | 43 <input type="checkbox"/> Late Prehistoric          |
| 33                                                   | <input type="checkbox"/> Pit                  | 34                | <input type="checkbox"/> Projectile Point                     | 46 <input checked="" type="checkbox"/> 47 Historic    |
| 35                                                   | <input type="checkbox"/> Quarry/Mine          | 36                | <input type="checkbox"/> Shell (worked)                       | 50 <input checked="" type="checkbox"/> Period Unknown |
| 38                                                   | <input type="checkbox"/> Rock Art             | 39                | <input type="checkbox"/> Stone, chipped                       |                                                       |
| 41                                                   | <input type="checkbox"/> Rock Shelter         | 42                | <input type="checkbox"/> Stone, ground                        |                                                       |
| 44                                                   | <input type="checkbox"/> Stone Circle         | 45                | <input type="checkbox"/> Trade Good (non-Native)              |                                                       |
| 48                                                   | <input type="checkbox"/> Trail (not recent)   | 49                | <input type="checkbox"/> Wood (worked)                        |                                                       |
| 51                                                   | <input type="checkbox"/> Miscellaneous        | 52                | <input type="checkbox"/> Other                                |                                                       |
| 53 <input checked="" type="checkbox"/> Isolated Find |                                               | CM Density        | Basis for Dating                                              |                                                       |
|                                                      |                                               | 54 <u>1</u>       | 55 <u>1</u>                                                   |                                                       |

III. ENVIRONMENT

Landform 1 1 Landform 2 7 Slope/Exposure 10 View, degree 4 View, distance 2  
56 57 58 59 60 61 62  
Elevation 260 m. Drainage System FREE BACK CREEK Dist Perm Water 707.7 m.  
63 67 1 21 22 26  
Perm Water Type 1 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34 37

IV. C.R.M.

Ownership 1 Site Condition 39 Collection 3 Test 0 Excavation 0  
38 40 41 42  
Fieldwork Date 5/13/83 Management Recommendation 1  
43 48 49  
Additional Information

OFFICE USE ONLY

Soil Association 41 43 Ecozone 44 45 Area Signf 46 CR Type 47 Verified Site 48 Non-Site 49  
State Register 50 National Register 51 E C F T F MS Number 52 53 54 61

Coder                     

Date Coded

Field Code USD-15

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

SITE  
PHOTO

B.W. ☐ Color ☐

Photo I.D. Code \_\_\_\_\_

Storage Location \_\_\_\_\_

SKETCH MAP *Canada*

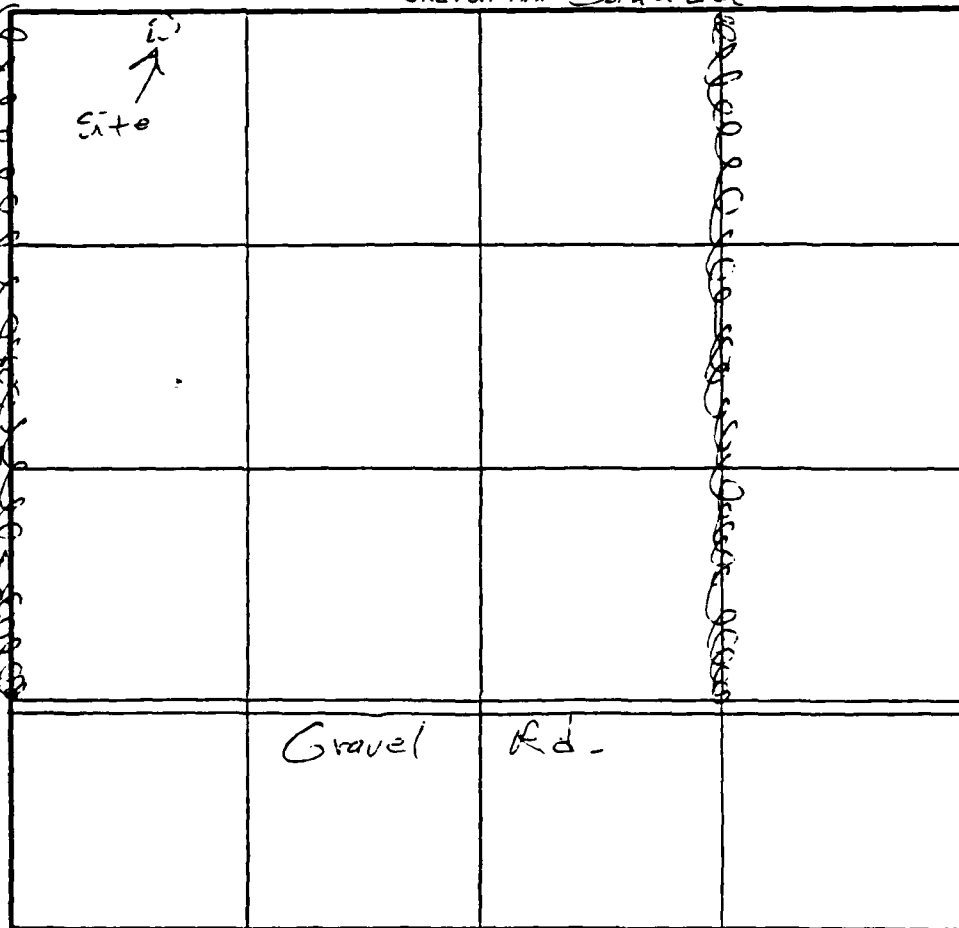
Map Key:

*shelter belt*

*Site*

Map Scale:

*500 ft.*



Recorded by Kenneth and Marie Brown

Date 8/11/81

Field Code USD-15

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

SITE  
PHOTO

B.W. ☐ Color ☐

Photo I.D. Code \_\_\_\_\_

Storage Location \_\_\_\_\_

SKETCH MAP *Canada*

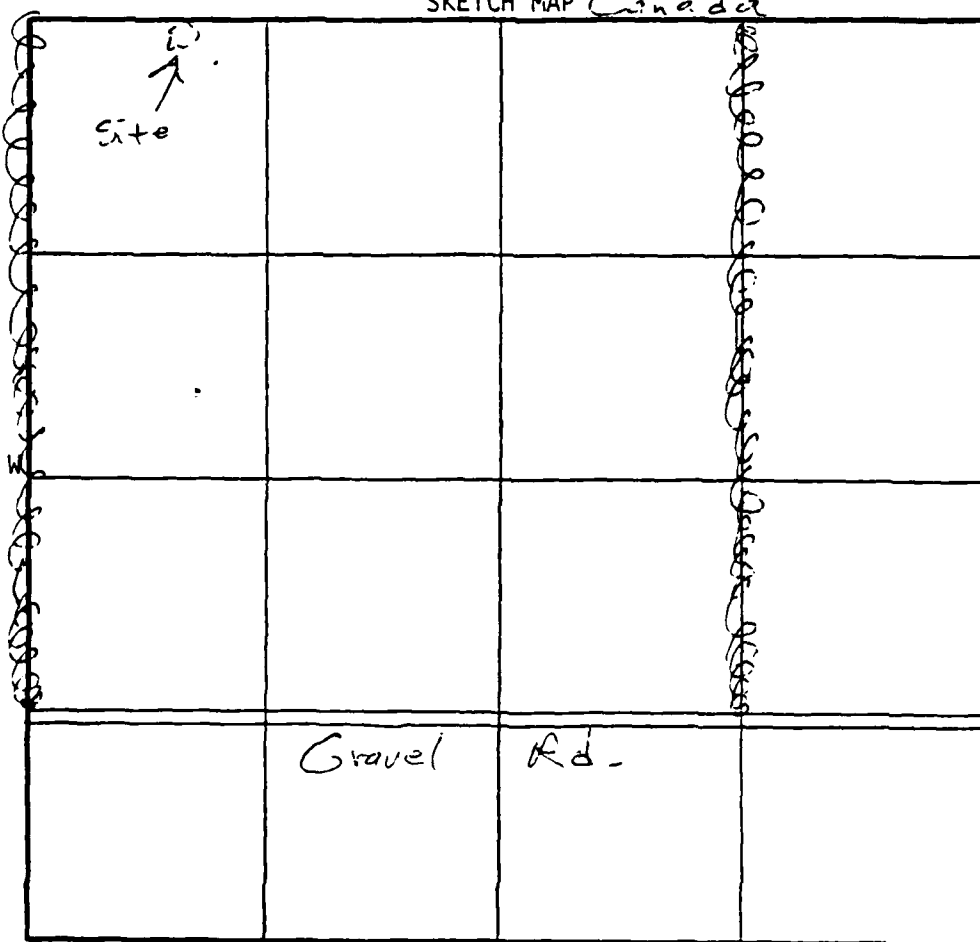
Map Key:

*Site*  
↑

*shelter belt*

Map Scale:

*500 ft.*



Recorded by Kenneth and Marie Brown

Date 8/11/81

NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code 17 State 32 County FE SITS # 11 Site Number 15  
 Site Name 19 LTL 0 Twp 163 R 56 Sec 15 QQ 3 QQ 7 Q 7  
 Map Quad 51 LTL<sub>a</sub> 69 Twp<sub>a</sub> 70 R<sub>a</sub> 77 Sec<sub>a</sub> 78 QQ<sub>a</sub> 79 QQ<sub>a</sub> 80

II. SITE DESCRIPTION

|                                                 |                                                       |                                              |
|-------------------------------------------------|-------------------------------------------------------|----------------------------------------------|
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)              | Site Area <u>2500</u> m <sup>2</sup>         |
| 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)          | Cultural Depth <u>21</u>                     |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                  | Depth Indicator <u>0</u>                     |
| 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)           | CULTURAL/TEMPORAL AFFILIATION                |
| 17 <input type="checkbox"/> Fortification       | 18 <input type="checkbox"/> Faunal Remains (skeletal) | 37 <input type="checkbox"/> Paleo            |
| 22 <input type="checkbox"/> Grave               | 23 <input type="checkbox"/> Fire Cracked Rock         | 40 <input type="checkbox"/> Archaic          |
| 24 <input type="checkbox"/> Hearth              | 25 <input type="checkbox"/> Floral Remains            | 43 <input type="checkbox"/> Late Prehistoric |
| 26 <input type="checkbox"/> Jump                | 27 <input type="checkbox"/> Fossil                    | 46 <input type="checkbox"/> 47 Historic      |
| 29 <input type="checkbox"/> Mound               | 30 <input type="checkbox"/> Hide, Hair, Fur           | 50 <input type="checkbox"/> Period Unknown   |
| 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Human Remains             |                                              |
| 33 <input type="checkbox"/> Pit                 | 34 <input type="checkbox"/> Projectile Point          |                                              |
| 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Shell (worked)            |                                              |
| 38 <input type="checkbox"/> Rock Art            | 39 <input type="checkbox"/> Stone, chipped            |                                              |
| 41 <input type="checkbox"/> Rock Shelter        | 42 <input type="checkbox"/> Stone, ground             |                                              |
| 44 <input type="checkbox"/> Stone Circle        | 45 <input type="checkbox"/> Trade Good (non-Native)   |                                              |
| 48 <input type="checkbox"/> Trail (not recent)  | 49 <input type="checkbox"/> Wood (worked)             |                                              |
| 52 <input type="checkbox"/> Miscellaneous       | 52 <input type="checkbox"/> Other                     |                                              |

53 ☐ Isolated Find CM Density 54 Basis for Dating 55

III. ENVIRONMENT

Landform 1 7 Landform 2 7 Slope/Exposure 10 View, degree 61 View, distance 62  
 Elevation 200 m. Drainage System PERM WATER Dist Perm Water 1000 m.  
 Perm Water Type 27 Dist Seas Water 28 Seas Water Type 33 Ecosystem 34

IV. C.R.M.

Ownership 38 Site Condition 39 Collection 40 Test 41 Excavation 42  
 Fieldwork Date 43 Management Recommendation 49  
 Additional Information 1

OFFICE USE ONLY

OFFICE USE ONLY  
 Soil Association 41 Ecozone 44 Area Signf 45 CR Type 47 Verified Site 48 Non-Site 49  
 State Register 50 National Register 51 E C F T F MS Number 52  
53 54 61

Coder 17 Date Coded 10/10/01

Field Code USD-17

NDCRS ARCHEOLOGY SITE FORM

Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 1 <sup>1</sup>/<sub>8</sub> mile east of the Walhalla airport,  
northeast of Walhalla, due east of the Gingras House.
2. Description of Site The site is in a cultivated field, on a low ridge top  
overlooking the Pembina River to the east and south. The site seems to  
be limited to the very top area of the low ridge. This is considered a  
find spot, due to low frequency of artifacts.
3. Description of Cultural Materials Only a couple of pieces of chipped stone  
were recovered from the surface of the ground. No culturally diagnostic  
artifacts were recovered. No cultural features were discernible.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Alvah Tetrault
8. Vegetation Crops
9. Cover (% of visible ground) 50%, cut wheat
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The low frequency of chipped stone artifacts and  
the presence of modern cultivation practices on the site, ie erosion, plowing,  
this site does not warrant further investigations.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth L. Brown

Date 8/12/81

Field Code USD-17

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



B.W. ☒ Color ☐

Photo I.D. Code USD-17 Pembina

Storage Location USDAL

SKETCH MAP

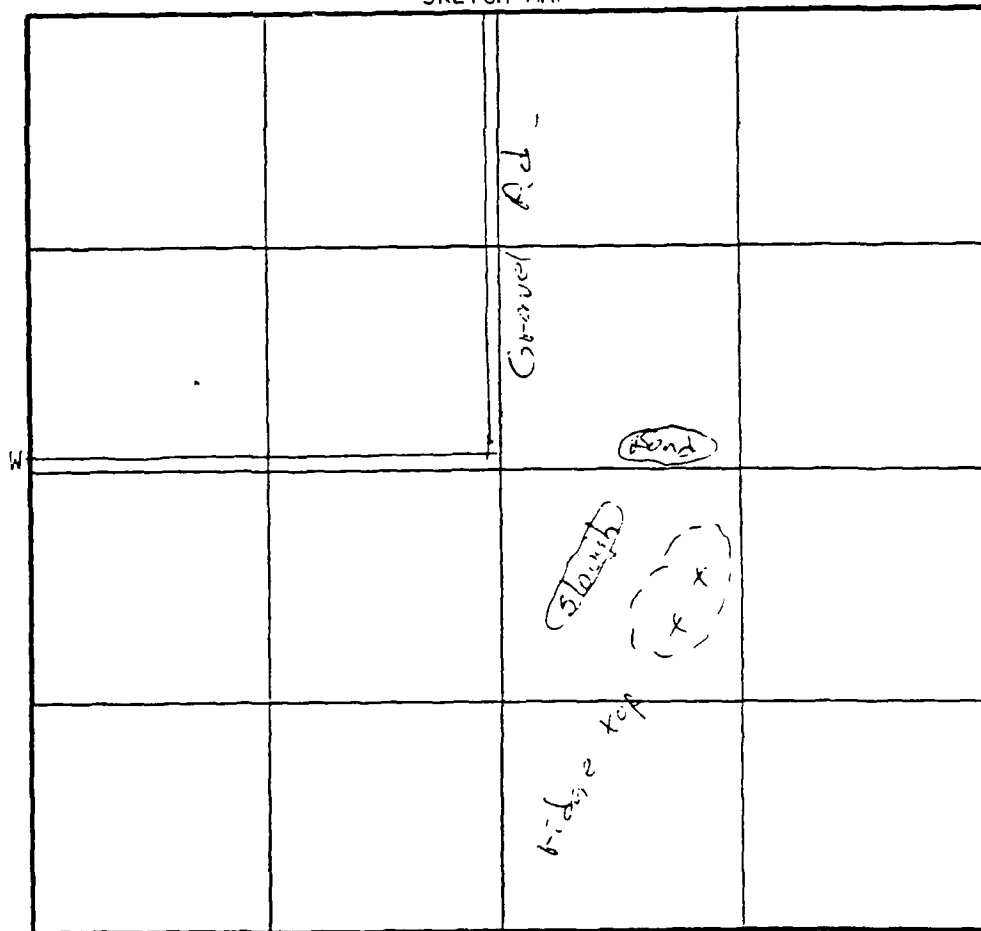
Map Key:

--- site area

x = flake

Map Scale:

400 ft

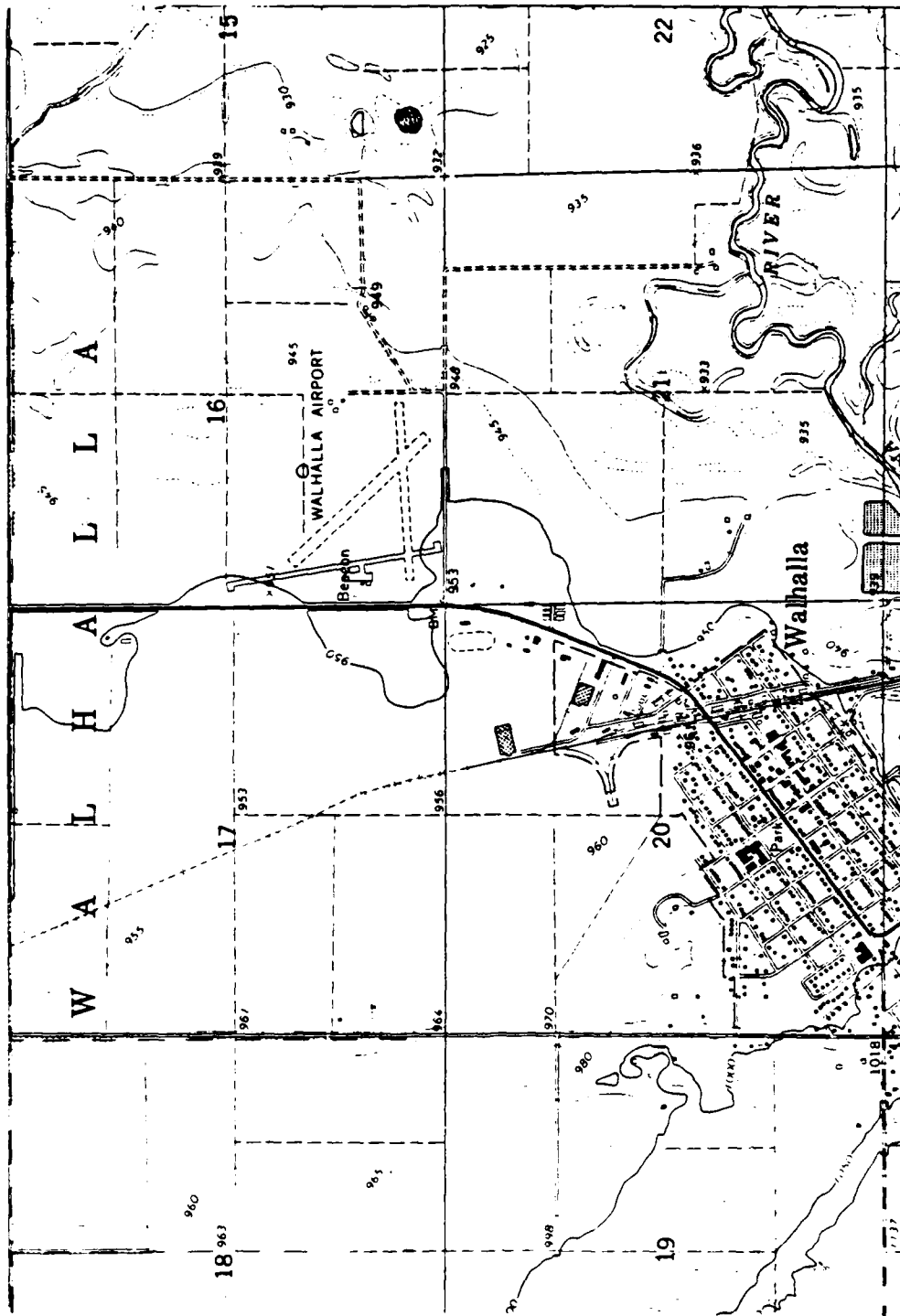


Recorded by Kenneth and Marie Brown

Date 8/12/81



USD-17



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                                                        |                                                                                                           |                                                                            |  |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|
| Field Code<br><u>15-20</u>                             | SITS #                                                                                                    |                                                                            |  |
| State <u>32</u> County <u>PE</u> Site Number <u>15</u> |                                                                                                           |                                                                            |  |
| Site Name                                              | LTL <u>0</u> Twp <u>163</u> R <u>56</u> Sec <u>10</u>                                                     | QQQ <u>3</u> QQ <u>6</u> Q <u>6</u>                                        |  |
| Map Quad                                               | LTL <sub>a</sub> <u>0</u> Twp <sub>a</sub> <u>163</u> R <sub>a</sub> <u>56</u> Sec <sub>a</sub> <u>10</u> | QQQ <sub>a</sub> <u>3</u> QQ <sub>a</sub> <u>6</u> Q <sub>a</sub> <u>6</u> |  |

II. SITE DESCRIPTION

|                                                 |                                                                  |                                                 |                                               |                                                       |
|-------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|
| SITE TYPE                                       |                                                                  | CULTURAL MATERIAL                               |                                               | Site Area                                             |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)                         | 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)  | 5 <u>11250</u> 12 m <sup>2</sup>                      |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                             | 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)   | Cultural Depth                                        |
| 17 <input type="checkbox"/> Fortification       | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 19 <input type="checkbox"/> Grave               | 20 <input type="checkbox"/> Fire Cracked Rock | 21 <u>21</u>                                          |
| 22 <input type="checkbox"/> Hearth              | 23 <input type="checkbox"/> Floral Remains                       | 24 <input type="checkbox"/> Jump                | 25 <input type="checkbox"/> Fossil            | Depth Indicator                                       |
| 26 <input type="checkbox"/> Mound               | 27 <input type="checkbox"/> Hide, Hair, Fur                      | 28 <input type="checkbox"/> Other Rock Features | 29 <input type="checkbox"/> Human Remains     | CULTURAL/TEMPORAL AFFILIATION                         |
| 31 <input type="checkbox"/> Pit                 | 32 <input type="checkbox"/> Projectile Point                     | 33 <input type="checkbox"/> Quarry/Mine         | 34 <input type="checkbox"/> Shell (worked)    | 37 <input type="checkbox"/> Paleo                     |
| 35 <input type="checkbox"/> Rock Art            | 36 <input type="checkbox"/> Stone, chipped                       | 38 <input type="checkbox"/> Rock Shelter        | 37 <input type="checkbox"/> Stone, ground     | 40 <input type="checkbox"/> Archaic                   |
| 41 <input type="checkbox"/> Stone Circle        | 42 <input type="checkbox"/> Trade Good (non-Native)              | 43 <input type="checkbox"/> Trail (not recent)  | 43 <input type="checkbox"/> Wood (worked)     | 43 <input type="checkbox"/> Late Prehistoric          |
| 44 <input type="checkbox"/> Miscellaneous       | 44 <input type="checkbox"/> Other                                | 45 <input type="checkbox"/> Isolated Find       | 45 <input type="checkbox"/> CM Density        | 46 <input type="checkbox"/> 47 Historic               |
|                                                 |                                                                  | 53 <input type="checkbox"/> Isolated Find       | 54 <input type="checkbox"/> CM Density        | 50 <input checked="" type="checkbox"/> Period Unknown |
|                                                 |                                                                  |                                                 |                                               | 55 <input type="checkbox"/> Basis for Dating          |

III. ENVIRONMENT

|                     |                      |                          |                       |                         |
|---------------------|----------------------|--------------------------|-----------------------|-------------------------|
| Landform 1 <u>2</u> | Landform 2 <u>10</u> | Slope/Exposure <u>10</u> | View, degree <u>2</u> | View, distance <u>3</u> |
| 56 <u>200</u> m.    | 57 <u>1</u>          | 58 <u>PERMANENT OVER</u> | 59 <u>21</u>          | 60 <u>800</u> m.        |
| Elevation           | Drainage System      | Dist Perm Water          | Perm Water Type       | Dist Seas Water         |
| 63 <u>200</u> m.    | 64 <u>1</u>          | 65 <u>800</u> m.         | 66 <u>1</u>           | 67 <u>21</u>            |
| 68 <u>200</u> m.    | 69 <u>1</u>          | 70 <u>800</u> m.         | 71 <u>1</u>           | 72 <u>21</u>            |
| 73 <u>200</u> m.    | 74 <u>1</u>          | 75 <u>800</u> m.         | 76 <u>1</u>           | 77 <u>21</u>            |

IV. C.R.M.

|                             |                                    |                      |                |                      |
|-----------------------------|------------------------------------|----------------------|----------------|----------------------|
| Ownership <u>38</u>         | Site Condition <u>39</u>           | Collection <u>40</u> | Test <u>41</u> | Excavation <u>42</u> |
| Fieldwork Date <u>15-20</u> | Management Recommendation <u>1</u> |                      |                |                      |
| Additional Information      |                                    |                      |                |                      |
| <u>1</u>                    |                                    |                      |                |                      |

OFFICE USE ONLY

|                  |                   |              |              |               |              |
|------------------|-------------------|--------------|--------------|---------------|--------------|
| Soil Association | Ecozone           | Area Signf   | CR Type      | Verified Site | Non-Site     |
| 41 <u>43</u>     | 44 <u>45</u>      | 46 <u>46</u> | 47 <u>47</u> | 48 <u>48</u>  | 49 <u>49</u> |
| State Register   | National Register | E C F        | T F          | MS Number     |              |
| 50 <u>51</u>     | 52 <u>52</u>      | 53 <u>53</u> | 54 <u>54</u> | 55 <u>55</u>  | 56 <u>56</u> |

Coder

Date Coded

## NDCRS ARCHEOLOGY SITE FORM

Field Code USD-20

## Descriptive Section

Site Number \_\_\_\_\_

Page 2

1. Access Access to the site is 1 mile north of Walhalla, (1 mile north of airport), to a gravel road, turn east, go east for 1 3/4 mile. Site is north of gravel road in cultivated field.
2. Description of Site Site is in a cultivated field, below a ridge. This site is considered a find spot. Only a couple of flakes, unworked, were recovered. No cultural features were observed. Site area is about 11250 sq. meters.
3. Description of Cultural Materials Two flakes were recovered. No culturally diagnostic artifacts were recovered or observed.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Stanley Mettelman
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance The low frequency of artifacts, lack of cultural features, heavy cultivation of the lands, does not warrant further investigations at this site.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-20

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph-  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



B.W. ☒ Color ☐

Photo I.D. Code \_\_\_\_\_

USD-20 Pembina

Storage Location \_\_\_\_\_

USDAL

SKETCH MAP

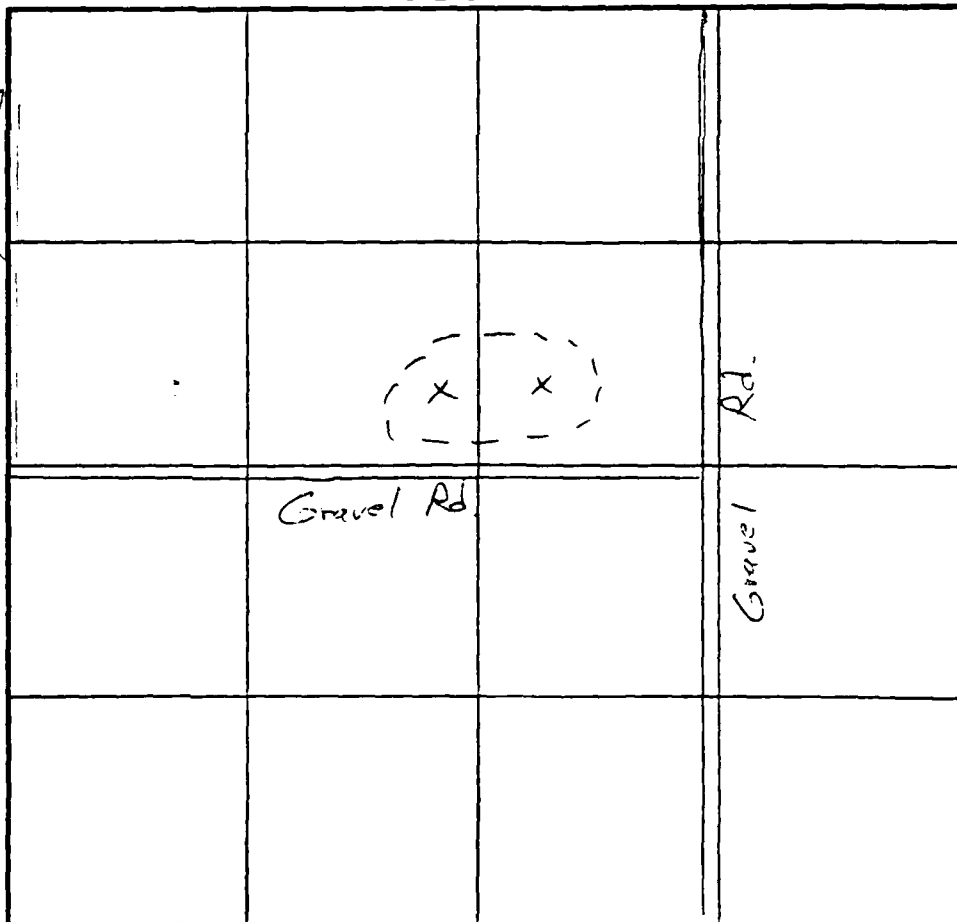
Map Key:

barns



x - flakes

drive-  
way  
W



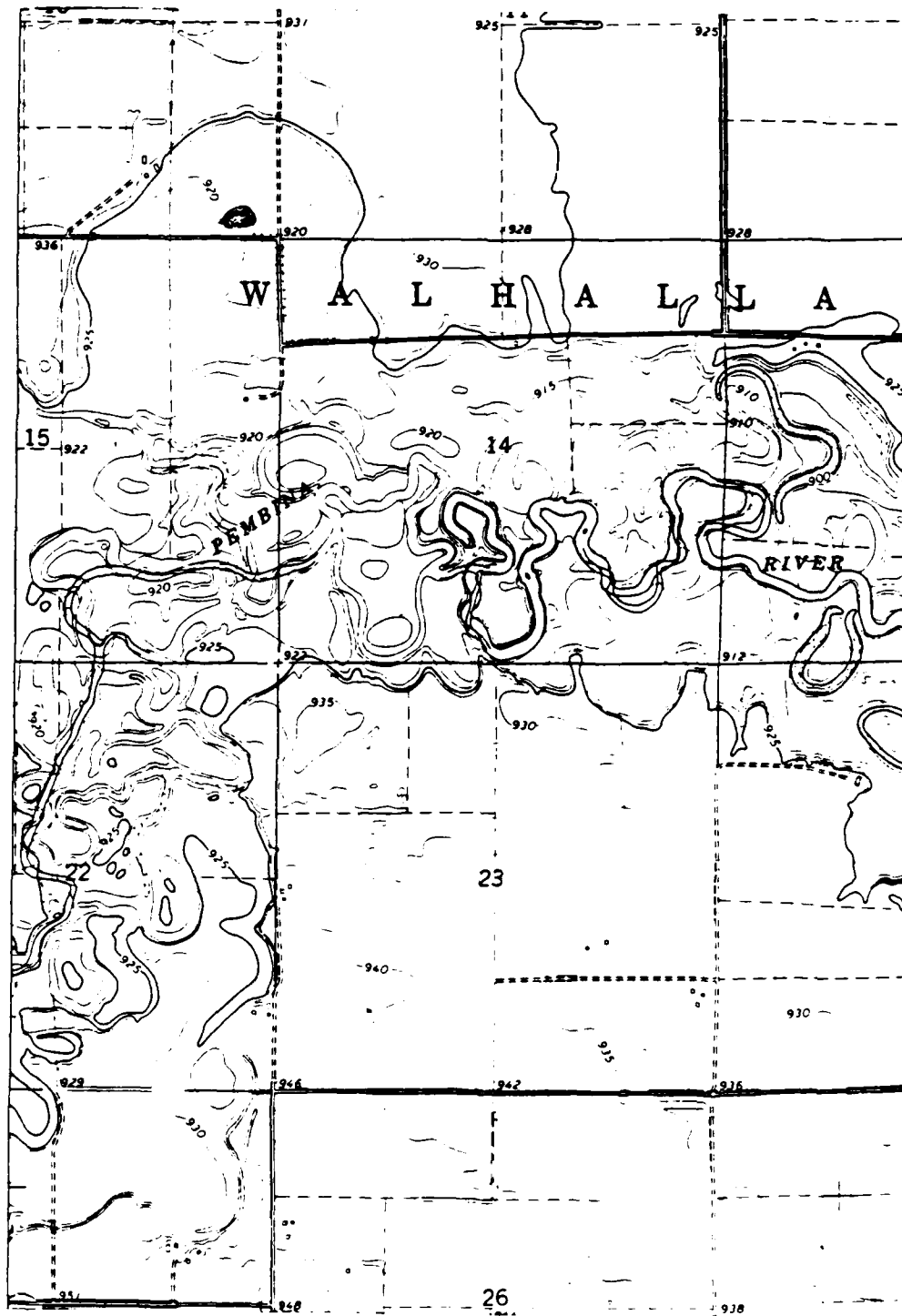
Map Scale:

250 ft

Recorded by Kenneth L. Brown , Marie Brown

Date 8/12/81

USA-20



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                           |                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Field Code<br><u>1-21</u> | SITS #<br>State <u>32</u> County <u>75</u> Site Number<br><u>11</u> <u>13</u> <u>15</u> <u>18</u>                                                                                |
| Site Name<br>_____        | LTL Twp R Sec QQQ QQ Q<br><u>0</u> <u>163</u> <u>56</u> <u>14</u> <u>7</u> <u>8</u> <u>8</u>                                                                                     |
| Map Quad<br><u>1-1</u>    | LTL <sub>a</sub> Twp <sub>a</sub> R <sub>a</sub> Sec <sub>a</sub> QQQ <sub>a</sub> QQ <sub>a</sub> Q <sub>a</sub><br><u>69</u> <u>70</u> <u>77</u> <u>78</u> <u>79</u> <u>80</u> |

II. SITE DESCRIPTION

|                                                 |                                                                  |                                                 |                                               |                                                       |
|-------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|
| SITE TYPE                                       |                                                                  | CULTURAL MATERIAL                               |                                               | Site Area                                             |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)                         | 3 <input type="checkbox"/> CM Scatter           | 4 <input type="checkbox"/> Ceramics (Native)  | 5 <u>1000</u> 12 m <sup>2</sup>                       |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Charcoal                             | 15 <input type="checkbox"/> Earthworks          | 16 <input type="checkbox"/> Copper (Native)   | Cultural Depth                                        |
| 17 <input type="checkbox"/> Fortification       | 18 <input checked="" type="checkbox"/> Faunal Remains (skeletal) | 22 <input type="checkbox"/> Grave               | 23 <input type="checkbox"/> Fire Cracked Rock | 19 <u>21</u>                                          |
| 24 <input type="checkbox"/> Hearth              | 25 <input type="checkbox"/> Floral Remains                       | 26 <input type="checkbox"/> Jump                | 27 <input type="checkbox"/> Fossil            | Depth Indicator                                       |
| 29 <input type="checkbox"/> Mound               | 30 <input type="checkbox"/> Hide, Hair, Fur                      | 31 <input type="checkbox"/> Other Rock Features | 32 <input type="checkbox"/> Human Remains     | 28 <u>0</u>                                           |
| 33 <input type="checkbox"/> Pit                 | 34 <input type="checkbox"/> Projectile Point                     | 35 <input type="checkbox"/> Quarry/Mine         | 36 <input type="checkbox"/> Shell (worked)    | CULTURAL/TEMPORAL AFFILIATION                         |
| 38 <input type="checkbox"/> Rock Art            | 39 <input checked="" type="checkbox"/> Stone, chipped            | 41 <input type="checkbox"/> Rock Shelter        | 42 <input type="checkbox"/> Stone, ground     | 37 <input type="checkbox"/> Paleo                     |
| 44 <input type="checkbox"/> Stone Circle        | 45 <input type="checkbox"/> Trade Good (non-Native)              | 48 <input type="checkbox"/> Trail (not recent)  | 49 <input type="checkbox"/> Wood (worked)     | 40 <input type="checkbox"/> Archaic                   |
| 51 <input type="checkbox"/> Miscellaneous       | 52 <input type="checkbox"/> Other                                | 53 <input type="checkbox"/> Isolated Find       | 54 <input type="checkbox"/> CM Density        | 43 <input type="checkbox"/> Late Prehistoric          |
|                                                 |                                                                  |                                                 |                                               | 46 <input type="checkbox"/> 47 Historic               |
|                                                 |                                                                  |                                                 |                                               | 50 <input checked="" type="checkbox"/> Period Unknown |
|                                                 |                                                                  |                                                 |                                               |                                                       |

III. ENVIRONMENT

|                              |                                          |                              |                                  |                                  |
|------------------------------|------------------------------------------|------------------------------|----------------------------------|----------------------------------|
| Landform 1<br><u>2</u>       | Landform 2<br><u>10</u>                  | Slope/Exposure<br><u>10</u>  | View, degree<br><u>2</u>         | View, distance<br><u>3</u>       |
| 56                           | 57 58                                    | 59 60                        | 61                               | 62                               |
| Elevation<br><u>200</u> m.   | Drainage System<br><u>DELAWARE RIVER</u> |                              |                                  | Dist Perm Water<br><u>500</u> m. |
| 63 67                        | 1                                        | 21                           | 22                               | 26                               |
| Perm Water Type<br><u>27</u> | Dist Seas Water<br><u>28</u> <u>32</u>   | Seas Water Type<br><u>33</u> | Ecosystem<br><u>34</u> <u>37</u> |                                  |

IV. C.R.M.

|                                       |                                        |                         |                   |                         |
|---------------------------------------|----------------------------------------|-------------------------|-------------------|-------------------------|
| Ownership<br><u>38</u>                | Site Condition<br><u>39</u>            | Collection<br><u>40</u> | Test<br><u>41</u> | Excavation<br><u>42</u> |
| Fieldwork Date<br><u>43</u> <u>48</u> | Management Recommendation<br><u>49</u> |                         |                   |                         |
| Additional Information<br>_____       |                                        |                         |                   |                         |

OFFICE USE ONLY

|                                         |                                |                         |                      |                            |                       |
|-----------------------------------------|--------------------------------|-------------------------|----------------------|----------------------------|-----------------------|
| Soil Association<br><u>41</u> <u>43</u> | Ecozone<br><u>44</u> <u>45</u> | Area Signf<br><u>46</u> | CR Type<br><u>47</u> | Verified Site<br><u>48</u> | Non-Site<br><u>49</u> |
| State Register<br><u>50</u>             | National Register<br><u>51</u> | E C F<br><u>52</u>      | T F<br><u>53</u>     | MS Number<br><u>54</u>     | <u>61</u>             |

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_

Field Code USD-21

NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 1 mile north of Walhalla (1 mile north of airport), take a gravel road east, go east for 2 miles, then turn south onto gravel road, travel about 1/4 mile to 90 degree turn in the road. The site is in a cultivated field east of the gravel road.
2. Description of Site The site is in a cultivated field below a ridge. There is a drainage ditch bordering the east edge of the site area.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Description of Cultural Materials Only a few bone fragments and a few pieces of chipped stone were recovered from the ground surface. No culturally diagnostic artifacts were recovered.  
\_\_\_\_\_  
\_\_\_\_\_
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None  
\_\_\_\_\_
6. Current Use of Site Crops
7. Owner's Name/Address Stanley Mettelman
8. Vegetation Crops
9. Cover (% of visible ground) 100%, plowed
10. Man-hours spent on site 2
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. Statement of Significance The low frequency of artifacts, lack of cultural features, and heavy cultivation of the land does not warrant further investigations at the site.  
\_\_\_\_\_  
\_\_\_\_\_
17. Comments/References \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded by Kenneth and Marie Brown

Date 8/12/81

Field Code USD-21NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topographic  
quadrangle that shows the  
location of the site.

Mark the boundaries of the  
site on the topographic  
section.

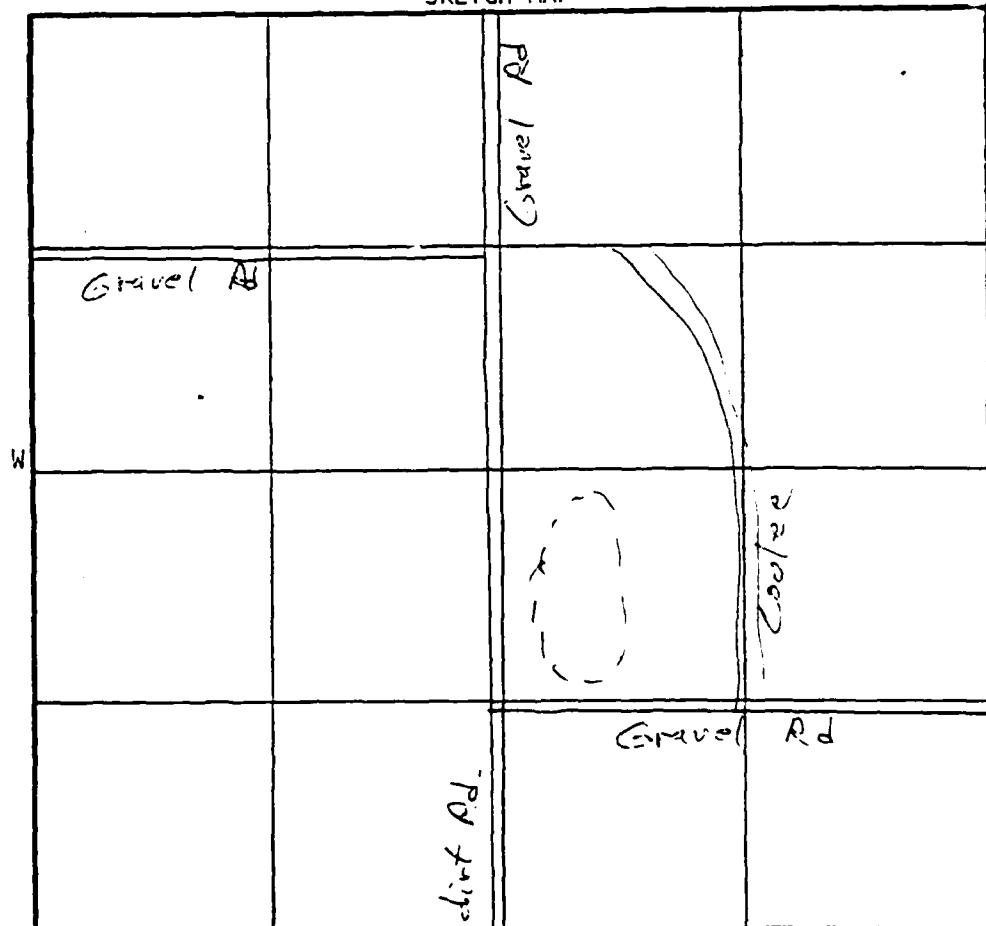
B.W. ☒ Color \_\_\_\_\_Photo I.D. Code \_\_\_\_\_  
USD-21 PembinaStorage Location USDAL

## SKETCH MAP

Map Key:

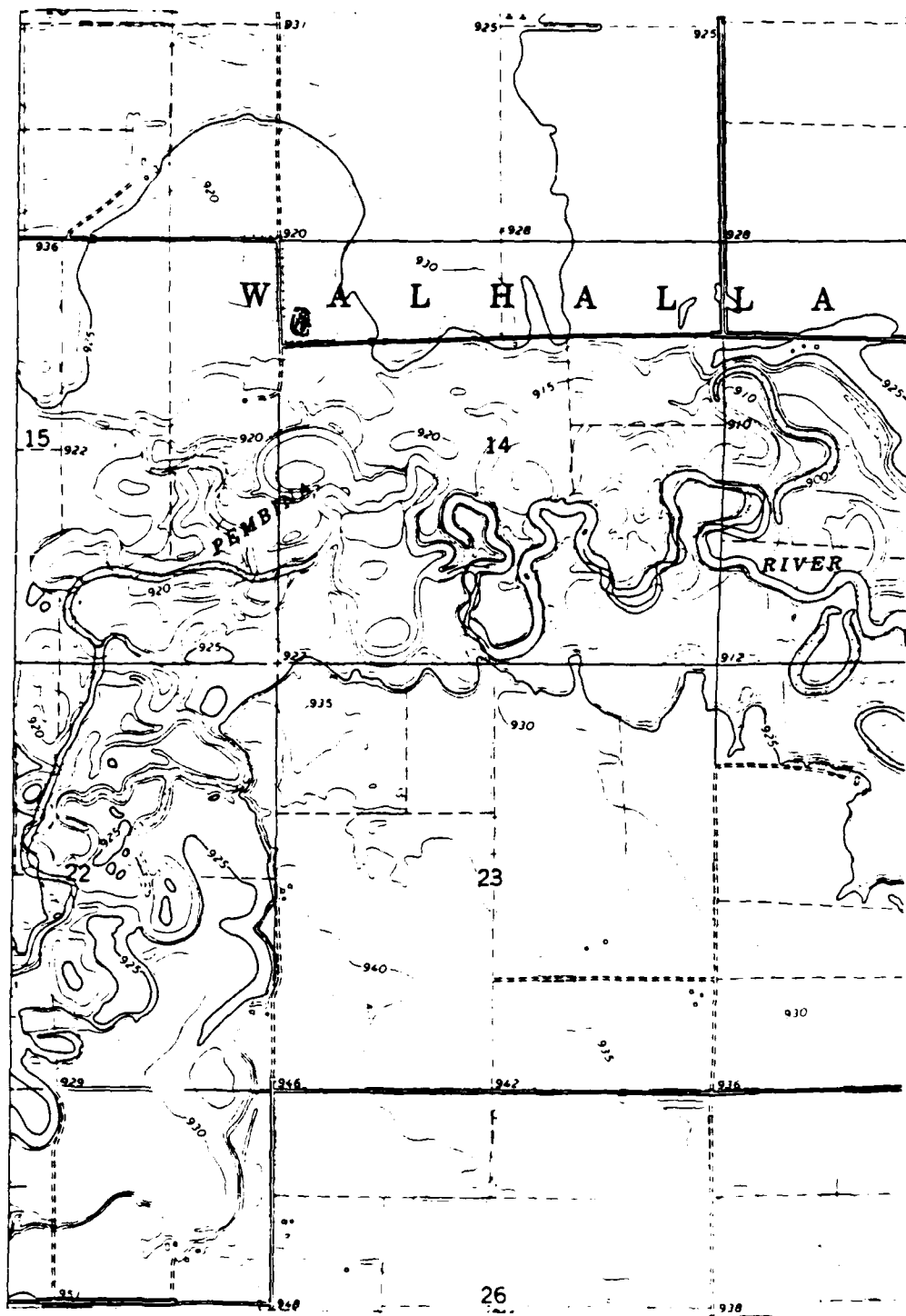
--- site area

Map Scale:

250 ftRecorded by Kenneth and Marie BrownDate 8/12/81



USD-21



NDCRS SITE FORM  
ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|                              |                  |                  |                |                  |                                                 |
|------------------------------|------------------|------------------|----------------|------------------|-------------------------------------------------|
| Field Code<br><u>175L 25</u> | SITS #           |                  | State          | County           | Site Number                                     |
| 1 _____ 10                   | 3                | 2                | 11             | 13               | 15 18                                           |
| Site Name<br>_____           | LTL              | Twp              | R              | Sec              | QQQ                                             |
| 19 _____ 38                  | 0                | 163              | 56             | 14               | 8 8 6                                           |
| Map Quad<br><u>163</u>       | LTL <sub>a</sub> | Twp <sub>a</sub> | R <sub>a</sub> | Sec <sub>a</sub> | QQQ <sub>a</sub> QQ <sub>a</sub> Q <sub>a</sub> |
| 51 _____ 68                  | 69               | 70               | 77             | 78               | 79 80                                           |

II. SITE DESCRIPTION

|                                                 |                                                 |                                               |                                               |                                                        |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--------------------------------------------------------|
| SITE TYPE                                       |                                                 | CULTURAL MATERIAL                             |                                               | Site Area                                              |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> CM Scatter           | 3 <input type="checkbox"/> Earthlodge Village | 4 <input type="checkbox"/> Earthworks         | 5 <u>7500</u> 12 m <sup>2</sup>                        |
| 13 <input type="checkbox"/> Fortification       | 14 <input type="checkbox"/> Grave               | 15 <input type="checkbox"/> Hearth            | 16 <input type="checkbox"/> Jump              | Cultural Depth                                         |
| 17 <input type="checkbox"/> Mound               | 18 <input type="checkbox"/> Other Rock Features | 19 <input type="checkbox"/> Pit               | 20 <input type="checkbox"/> Quarry/Mine       | 21 _____                                               |
| 22 <input type="checkbox"/> Rock Art            | 23 <input type="checkbox"/> Rock Shelter        | 24 <input type="checkbox"/> Stone Circle      | 25 <input type="checkbox"/> Stone, chipped    | Depth Indicator                                        |
| 26 <input type="checkbox"/> Trail (not recent)  | 27 <input type="checkbox"/> Miscellaneous       | 28 <input type="checkbox"/> Bone (worked)     | 29 <input type="checkbox"/> Ceramics (Native) | 29 <input type="checkbox"/> Charcoal                   |
| 30 <input type="checkbox"/> Isolated Find       | 31 <input type="checkbox"/> Bone (worked)       | 32 <input type="checkbox"/> Ceramics (Native) | 33 <input type="checkbox"/> Charcoal          | 34 <input type="checkbox"/> Copper (Native)            |
| 35 <input type="checkbox"/> Isolated Find       | 36 <input type="checkbox"/> Ceramics (Native)   | 37 <input type="checkbox"/> Charcoal          | 38 <input type="checkbox"/> Copper (Native)   | 39 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 39 <input type="checkbox"/> Isolated Find       | 40 <input type="checkbox"/> Ceramics (Native)   | 41 <input type="checkbox"/> Charcoal          | 42 <input type="checkbox"/> Copper (Native)   | 43 <input type="checkbox"/> Fire Cracked Rock          |
| 43 <input type="checkbox"/> Isolated Find       | 44 <input type="checkbox"/> Ceramics (Native)   | 45 <input type="checkbox"/> Charcoal          | 46 <input type="checkbox"/> Copper (Native)   | 47 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 47 <input type="checkbox"/> Isolated Find       | 48 <input type="checkbox"/> Ceramics (Native)   | 49 <input type="checkbox"/> Charcoal          | 50 <input type="checkbox"/> Copper (Native)   | 51 <input type="checkbox"/> Fire Cracked Rock          |
| 51 <input type="checkbox"/> Isolated Find       | 52 <input type="checkbox"/> Ceramics (Native)   | 53 <input type="checkbox"/> Charcoal          | 54 <input type="checkbox"/> Copper (Native)   | 55 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 55 <input type="checkbox"/> Isolated Find       | 56 <input type="checkbox"/> Ceramics (Native)   | 57 <input type="checkbox"/> Charcoal          | 58 <input type="checkbox"/> Copper (Native)   | 59 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 59 <input type="checkbox"/> Isolated Find       | 60 <input type="checkbox"/> Ceramics (Native)   | 61 <input type="checkbox"/> Charcoal          | 62 <input type="checkbox"/> Copper (Native)   | 63 <input type="checkbox"/> Fire Cracked Rock          |
| 63 <input type="checkbox"/> Isolated Find       | 64 <input type="checkbox"/> Ceramics (Native)   | 65 <input type="checkbox"/> Charcoal          | 66 <input type="checkbox"/> Copper (Native)   | 67 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 67 <input type="checkbox"/> Isolated Find       | 68 <input type="checkbox"/> Ceramics (Native)   | 69 <input type="checkbox"/> Charcoal          | 70 <input type="checkbox"/> Copper (Native)   | 71 <input type="checkbox"/> Fire Cracked Rock          |
| 71 <input type="checkbox"/> Isolated Find       | 72 <input type="checkbox"/> Ceramics (Native)   | 73 <input type="checkbox"/> Charcoal          | 74 <input type="checkbox"/> Copper (Native)   | 75 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 75 <input type="checkbox"/> Isolated Find       | 76 <input type="checkbox"/> Ceramics (Native)   | 77 <input type="checkbox"/> Charcoal          | 78 <input type="checkbox"/> Copper (Native)   | 79 <input type="checkbox"/> Fire Cracked Rock          |
| 79 <input type="checkbox"/> Isolated Find       | 80 <input type="checkbox"/> Ceramics (Native)   | 81 <input type="checkbox"/> Charcoal          | 82 <input type="checkbox"/> Copper (Native)   | 83 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 83 <input type="checkbox"/> Isolated Find       | 84 <input type="checkbox"/> Ceramics (Native)   | 85 <input type="checkbox"/> Charcoal          | 86 <input type="checkbox"/> Copper (Native)   | 87 <input type="checkbox"/> Fire Cracked Rock          |
| 87 <input type="checkbox"/> Isolated Find       | 88 <input type="checkbox"/> Ceramics (Native)   | 89 <input type="checkbox"/> Charcoal          | 90 <input type="checkbox"/> Copper (Native)   | 91 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 91 <input type="checkbox"/> Isolated Find       | 92 <input type="checkbox"/> Ceramics (Native)   | 93 <input type="checkbox"/> Charcoal          | 94 <input type="checkbox"/> Copper (Native)   | 95 <input type="checkbox"/> Fire Cracked Rock          |
| 95 <input type="checkbox"/> Isolated Find       | 96 <input type="checkbox"/> Ceramics (Native)   | 97 <input type="checkbox"/> Charcoal          | 98 <input type="checkbox"/> Copper (Native)   | 99 <input type="checkbox"/> Faunal Remains (skeletal)  |
| 99 <input type="checkbox"/> Isolated Find       | 100 <input type="checkbox"/> Ceramics (Native)  | 101 <input type="checkbox"/> Charcoal         | 102 <input type="checkbox"/> Copper (Native)  | 103 <input type="checkbox"/> Faunal Remains (skeletal) |
| 103 <input type="checkbox"/> Isolated Find      | 104 <input type="checkbox"/> Ceramics (Native)  | 105 <input type="checkbox"/> Charcoal         | 106 <input type="checkbox"/> Copper (Native)  | 107 <input type="checkbox"/> Faunal Remains (skeletal) |
| 107 <input type="checkbox"/> Isolated Find      | 108 <input type="checkbox"/> Ceramics (Native)  | 109 <input type="checkbox"/> Charcoal         | 110 <input type="checkbox"/> Copper (Native)  | 111 <input type="checkbox"/> Faunal Remains (skeletal) |
| 111 <input type="checkbox"/> Isolated Find      | 112 <input type="checkbox"/> Ceramics (Native)  | 113 <input type="checkbox"/> Charcoal         | 114 <input type="checkbox"/> Copper (Native)  | 115 <input type="checkbox"/> Faunal Remains (skeletal) |
| 115 <input type="checkbox"/> Isolated Find      | 116 <input type="checkbox"/> Ceramics (Native)  | 117 <input type="checkbox"/> Charcoal         | 118 <input type="checkbox"/> Copper (Native)  | 119 <input type="checkbox"/> Faunal Remains (skeletal) |
| 119 <input type="checkbox"/> Isolated Find      | 120 <input type="checkbox"/> Ceramics (Native)  | 121 <input type="checkbox"/> Charcoal         | 122 <input type="checkbox"/> Copper (Native)  | 123 <input type="checkbox"/> Faunal Remains (skeletal) |
| 123 <input type="checkbox"/> Isolated Find      | 124 <input type="checkbox"/> Ceramics (Native)  | 125 <input type="checkbox"/> Charcoal         | 126 <input type="checkbox"/> Copper (Native)  | 127 <input type="checkbox"/> Faunal Remains (skeletal) |
| 127 <input type="checkbox"/> Isolated Find      | 128 <input type="checkbox"/> Ceramics (Native)  | 129 <input type="checkbox"/> Charcoal         | 130 <input type="checkbox"/> Copper (Native)  | 131 <input type="checkbox"/> Faunal Remains (skeletal) |
| 131 <input type="checkbox"/> Isolated Find      | 132 <input type="checkbox"/> Ceramics (Native)  | 133 <input type="checkbox"/> Charcoal         | 134 <input type="checkbox"/> Copper (Native)  | 135 <input type="checkbox"/> Faunal Remains (skeletal) |
| 135 <input type="checkbox"/> Isolated Find      | 136 <input type="checkbox"/> Ceramics (Native)  | 137 <input type="checkbox"/> Charcoal         | 138 <input type="checkbox"/> Copper (Native)  | 139 <input type="checkbox"/> Faunal Remains (skeletal) |
| 139 <input type="checkbox"/> Isolated Find      | 140 <input type="checkbox"/> Ceramics (Native)  | 141 <input type="checkbox"/> Charcoal         | 142 <input type="checkbox"/> Copper (Native)  | 143 <input type="checkbox"/> Faunal Remains (skeletal) |
| 143 <input type="checkbox"/> Isolated Find      | 144 <input type="checkbox"/> Ceramics (Native)  | 145 <input type="checkbox"/> Charcoal         | 146 <input type="checkbox"/> Copper (Native)  | 147 <input type="checkbox"/> Faunal Remains (skeletal) |
| 147 <input type="checkbox"/> Isolated Find      | 148 <input type="checkbox"/> Ceramics (Native)  | 149 <input type="checkbox"/> Charcoal         | 150 <input type="checkbox"/> Copper (Native)  | 151 <input type="checkbox"/> Faunal Remains (skeletal) |
| 151 <input type="checkbox"/> Isolated Find      | 152 <input type="checkbox"/> Ceramics (Native)  | 153 <input type="checkbox"/> Charcoal         | 154 <input type="checkbox"/> Copper (Native)  | 155 <input type="checkbox"/> Faunal Remains (skeletal) |
| 155 <input type="checkbox"/> Isolated Find      | 156 <input type="checkbox"/> Ceramics (Native)  | 157 <input type="checkbox"/> Charcoal         | 158 <input type="checkbox"/> Copper (Native)  | 159 <input type="checkbox"/> Faunal Remains (skeletal) |
| 159 <input type="checkbox"/> Isolated Find      | 160 <input type="checkbox"/> Ceramics (Native)  | 161 <input type="checkbox"/> Charcoal         | 162 <input type="checkbox"/> Copper (Native)  | 163 <input type="checkbox"/> Faunal Remains (skeletal) |
| 163 <input type="checkbox"/> Isolated Find      | 164 <input type="checkbox"/> Ceramics (Native)  | 165 <input type="checkbox"/> Charcoal         | 166 <input type="checkbox"/> Copper (Native)  | 167 <input type="checkbox"/> Faunal Remains (skeletal) |
| 167 <input type="checkbox"/> Isolated Find      | 168 <input type="checkbox"/> Ceramics (Native)  | 169 <input type="checkbox"/> Charcoal         | 170 <input type="checkbox"/> Copper (Native)  | 171 <input type="checkbox"/> Faunal Remains (skeletal) |
| 171 <input type="checkbox"/> Isolated Find      | 172 <input type="checkbox"/> Ceramics (Native)  | 173 <input type="checkbox"/> Charcoal         | 174 <input type="checkbox"/> Copper (Native)  | 175 <input type="checkbox"/> Faunal Remains (skeletal) |
| 175 <input type="checkbox"/> Isolated Find      | 176 <input type="checkbox"/> Ceramics (Native)  | 177 <input type="checkbox"/> Charcoal         | 178 <input type="checkbox"/> Copper (Native)  | 179 <input type="checkbox"/> Faunal Remains (skeletal) |
| 179 <input type="checkbox"/> Isolated Find      | 180 <input type="checkbox"/> Ceramics (Native)  | 181 <input type="checkbox"/> Charcoal         | 182 <input type="checkbox"/> Copper (Native)  | 183 <input type="checkbox"/> Faunal Remains (skeletal) |
| 183 <input type="checkbox"/> Isolated Find      | 184 <input type="checkbox"/> Ceramics (Native)  | 185 <input type="checkbox"/> Charcoal         | 186 <input type="checkbox"/> Copper (Native)  | 187 <input type="checkbox"/> Faunal Remains (skeletal) |
| 187 <input type="checkbox"/> Isolated Find      | 188 <input type="checkbox"/> Ceramics (Native)  | 189 <input type="checkbox"/> Charcoal         | 190 <input type="checkbox"/> Copper (Native)  | 191 <input type="checkbox"/> Faunal Remains (skeletal) |
| 191 <input type="checkbox"/> Isolated Find      | 192 <input type="checkbox"/> Ceramics (Native)  | 193 <input type="checkbox"/> Charcoal         | 194 <input type="checkbox"/> Copper (Native)  | 195 <input type="checkbox"/> Faunal Remains (skeletal) |
| 195 <input type="checkbox"/> Isolated Find      | 196 <input type="checkbox"/> Ceramics (Native)  | 197 <input type="checkbox"/> Charcoal         | 198 <input type="checkbox"/> Copper (Native)  | 199 <input type="checkbox"/> Faunal Remains (skeletal) |
| 199 <input type="checkbox"/> Isolated Find      | 200 <input type="checkbox"/> Ceramics (Native)  | 201 <input type="checkbox"/> Charcoal         | 202 <input type="checkbox"/> Copper (Native)  | 203 <input type="checkbox"/> Faunal Remains (skeletal) |
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NDCRS SITE FORM  
 ARCHEOLOGICAL SITES

Page 1

I. SITE I.D.

|            |                  |                  |                |                  |                  |                 |                |
|------------|------------------|------------------|----------------|------------------|------------------|-----------------|----------------|
| Field Code | SITS #           |                  | State          | County           | Site Number      |                 |                |
| 10         | 3                | 2                | 11             | 13               | 15               | 18              |                |
| Site Name  | LTL              | Twp              | R              | Sec              | QQQ              | QQ              | Q              |
| 19         | 39               | 40               |                | 47               | 48               | 49              | 50             |
| Map Quad   | LTL <sub>a</sub> | Twp <sub>a</sub> | R <sub>a</sub> | Sec <sub>a</sub> | QQQ <sub>a</sub> | QQ <sub>a</sub> | Q <sub>a</sub> |
| 51         | 69               | 70               |                | 77               | 78               | 79              | 80             |

II. SITE DESCRIPTION

|           |                      |                   |                           |                   |
|-----------|----------------------|-------------------|---------------------------|-------------------|
| SITE TYPE |                      | CULTURAL MATERIAL |                           | Site Area         |
| 1         | Conical Timber Lodge | 2                 | Bone (worked)             | 5                 |
| 3         | CM Scatter           | 4                 | Ceramics (Native)         | 12 m <sup>2</sup> |
| 13        | Earthlodge Village   | 14                | Charcoal                  |                   |
| 15        | Earthworks           | 16                | Copper (Native)           | Cultural Depth    |
| 17        | Fortification        | 18                | Faunal Remains (skeletal) | 19                |
| 22        | Grave                | 23                | Fire Cracked Rock         | 21                |
| 24        | Hearth               | 25                | Floral Remains            | Depth Indicator   |
| 26        | Jump                 | 27                | Fossil                    | 28                |
| 29        | Mound                | 30                | Hide, Hair, Fur           |                   |
| 31        | Other Rock Features  | 32                | Human Remains             | CULTURAL/TEMPORAL |
| 33        | Pit                  | 34                | Projectile Point          | AFFILIATION       |
| 35        | Quarry/Mine          | 36                | Shell (worked)            | 37                |
| 38        | Rock Art             | 39                | Stone, chipped            | 40                |
| 41        | Rock Shelter         | 42                | Stone, ground             | 43                |
| 44        | Stone Circle         | 45                | Trade Good (non-Native)   | 46                |
| 48        | Trail (not recent)   | 49                | Wood (worked)             | 47                |
| 51        | Miscellaneous        | 52                | Other                     | Period Unknown    |
| 53        | Isolated Find        | CM Density        | Basis for Dating          | 55                |

III. ENVIRONMENT

|                 |                 |                 |              |                 |
|-----------------|-----------------|-----------------|--------------|-----------------|
| Landform 1      | Landform 2      | Slope/Exposure  | View, degree | View, distance  |
| 56              | 57 58           | 59 60           | 61           | 62              |
| Elevation       | Drainage System |                 |              | Dist Perm Water |
| 63              | 67              | 1               | 21           | 22              |
| Perm Water Type | Dist Seas Water | Seas Water Type |              | Ecosystem       |
| 27              | 28 32           | 33              |              | 34 37           |

IV. C.R.M.

|                        |                |                           |      |            |
|------------------------|----------------|---------------------------|------|------------|
| Ownership              | Site Condition | Collection                | Test | Excavation |
| 38                     | 39             | 40                        | 41   | 42         |
| Fieldwork Date         |                | Management Recommendation |      |            |
| 43                     | 48             | 49                        |      |            |
| Additional Information |                |                           |      |            |

OFFICE USE ONLY

|                  |                   |            |         |               |          |
|------------------|-------------------|------------|---------|---------------|----------|
| Soil Association | Ecozone           | Area Signf | CR Type | Verified Site | Non-Site |
| 41 43            | 44 45             | 46         | 47      | 48            | 49       |
| State Register   | National Register | E C F      | T F     | MS Number     |          |
| 50               | 51                | 52         | 53      | 54            | 61       |

Coder

Date Coded

1. E<sub>1/2</sub>
2. S<sub>1/2</sub>
3. W<sub>1/2</sub>
4. NE<sub>1/4</sub>
5. SE<sub>1/4</sub>
6. SW<sub>1/4</sub>
7. NW<sub>1/4</sub>
8. C

FIELD MANUAL  
NDCRS ARCHEOLOGY SITE FORM

CM DENSITY

0. No cultural material observed
1. Sparse distribution
2. Medium distribution
3. Dense distribution
4. Unknown
5. Medium-dense concentration(s) within a sparse scatter
6. Dense concentration(s) within a medium scatter
7. Denser concentration(s) within a dense scatter

LANDFORM 1

0. Unknown
1. Top of
2. Bottom of
3. Side of
4. Unknown
5. Top and Bottom of
6. Top and Side of
7. Bottom and Side of
8. Top, Bottom, & Side

VIEW, DEGREE

0. Unknown
1. 90°
2. 180°
3. 270°
4. 360°
5. No View

SEAS & PERM WATER TYPE

0. Unknown
1. Lake
2. Spring
3. Moving Water (Stream)
4. Intermittent Moving Water
5. Intermittent Pond
6. Marsh

OWNERSHIP

0. Unknown
1. State
2. Federal
3. Private
4. Local Government
5. Reservation

RECOMMENDATIONS

0. Unknown
1. No Further Work
2. Further Evaluation
3. Impact Analysis
4. Both 2 & 3
5. Avoidance-Mitigation
6. Exclusion-Preservation

AREA SIGNIF

1. Archeologic
2. Archeo/Architectural
3. Archeo/Historic
4. Paleontologic

LANDFORM 2

0. Unknown
1. Beachline(glacial)
2. Beach or riverbank
3. Canyon
4. Island
5. Delta
6. Draw
7. Flat(Upland)
8. Floodplain
9. Hill
10. Ridge
11. Saddle
12. Sandbar
13. Spur
14. Swale
15. Terrace
- 16.
17. Butte
- 18.
19. Other

DEPTH INDICATOR

0. Not applicable
1. Auger
2. Cutbank or Erosional Feature
3. Excavation
4. Guess
5. Shovel
6. Soil Probe
7. Other

SLOPE/EXPOSURE

0. Unknown
1. North
2. Northeast
3. East
4. Southeast
5. South
6. Southwest
7. West
8. Northwest
9. Closed
10. Open

VIEW, DISTANCE

0. Unknown
1. Excellent(5-7 miles)
2. Good(2-5 miles)
3. Fair(1-2 miles)
4. Poor( <1 mile)
5. No View

ECOSYSTEM

0. Unknown
1. Bottomland
2. Terraces
3. Toe Slope
4. Scoria
5. Badland
6. Upland
7. Rolling Grassland
8. Hardwood Draw
9. Marsh
10. Ponderosa Pine
11. Hilly Scoria
12. Upland Breaks
13. River Breaks
14. Rockland

CONDITION

0. Unknown
1. Destroyed
2. Inundated
3. Very Poor
4. Poor
5. Fair
6. Good
7. Excellent

COLLECTION

0. No Cultural Material
1. C M but no Collection
2. Systematic Collection
3. Non-Systematic
4. Completely Collected
5. Unknown

TEST & EXCAVATION

0. No
1. Yes, Results Positive
2. Yes, Results Negative
3. Unknown

CR TYPE

0. Unknown
1. Site
2. Building
3. Structure
4. Object
5. District

NAT'L & STATE REGISTER

0. Undetermined
1. Listed
2. Nominated
3. Eligible
4. Not Eligible
5. Determined Eligible

CULTURAL/TEMPORAL AFFILIATION  
PALEO

0. No
1. Yes - unspecified
2. Pre-Clovis
3. Clovis
4. Folsom
5. Plano
6. Post-Plano

ARCHAIC

0. No
1. Yes - unspecified
2. Early Large Side-Notched
3. McKean/Duncan/Hanna
4. Oxbow
5. Pelican Lake
6. Besant
7. Pre-Ceramic
8. Early Woodland
9. Middle Woodland

LATE PREHISTORIC

0. No
1. Yes - unspecified
2. Avonlea
3. Late Woodland (generalized)
4. Arvilla
5. Blackduck
6. Devilslake/Sourisford Complex
7. Plains Village Tradition
8. Plains Nomadic

HISTORIC

- |                    |                   |
|--------------------|-------------------|
| 0. No              | 8. Cree           |
| 1. Yes-unspecified | 9. Crow           |
| 2. Arapaho         | 10. Euro-American |
| 3. Arikara         | 11. Hidatsa       |
| 4. Assiniboine     | 12. Mandan        |
| 5. Blackfoot       | 13. Pawnee        |
| 6. Cheyenne        | 14. Sioux         |
| 7. Chippewa        | 15. Other         |

BASIS FOR DATING

0. Unknown
1. Date Unknown
2. Radio-carbon
3. Typology
4. Dendrochronology
5. Thermoluminescence
6. Geology (Stratigraphy)
7. Patination
8. Professional Judgement
9. Both Absolute & Relative

E.C.F. AND T.F.

1. Exclusion Area
2. Avoidance Area
3. Area of Concern

Field Code USD-25NDCRS ARCHEOLOGY SITE FORM  
Descriptive Section  
Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 2 miles north of Walhalla to Pembina 55  
highway, turn east, go east for 3 miles, turn south onto gravel section  
road, go south 1½ miles to end of section road, and continue south across  
cultivated field until you reach the Pembina River. Site is ½ west.
2. Description of Site The site is located in a cultivated field adjacent to  
the Pembina River. A thin scatter of bone fragments were recovered.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Description of Cultural Materials A thin scatter of bone fragments were  
recovered from the surface of the ground. No other artifacts were recovered.  
No culturally diagnostic artifacts were recovered from the site.  
\_\_\_\_\_
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None  
\_\_\_\_\_
6. Current Use of Site Crops
7. Owner's Name/Address Theodore Bjornstad
8. Vegetation Crops
9. Cover (% of visible ground) 50%, beans
10. Man-hours spent on site 1
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. Statement of Significance The thin scatter of bone fragments, with an  
absence of any other artifacts does not warrant further investigations at  
this site. This is considered a find spot.  
\_\_\_\_\_  
\_\_\_\_\_
17. Comments/References \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/12/81

Field Code USD-25

NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

TOPO

Attach the portion of the  
7.5' U.S.G.S. topograph  
quadrangle that shows the  
location of the site.

Mark the boundaries of  
site on the topographic  
section.



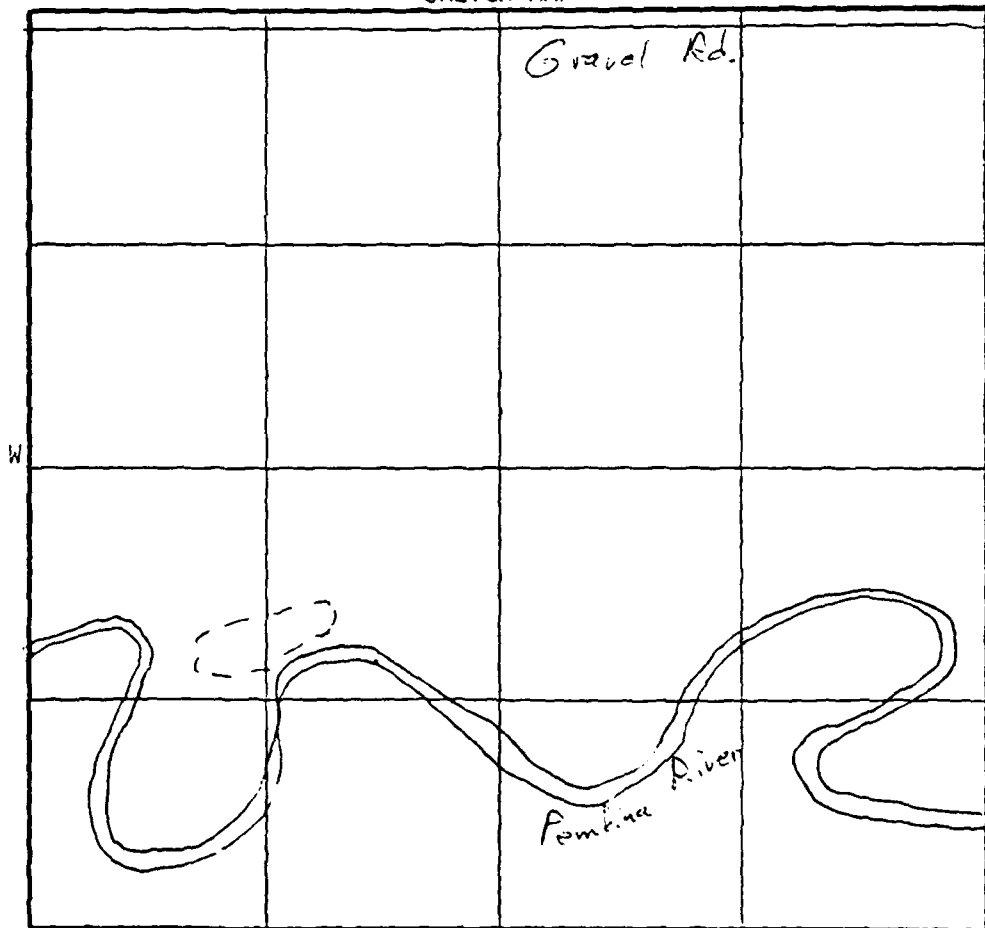
B.W. ☒

Photo I.D. Code \_\_\_\_\_  
USD-25 Pembina

Storage Location USDAL

SKETCH MAP

Map Key:



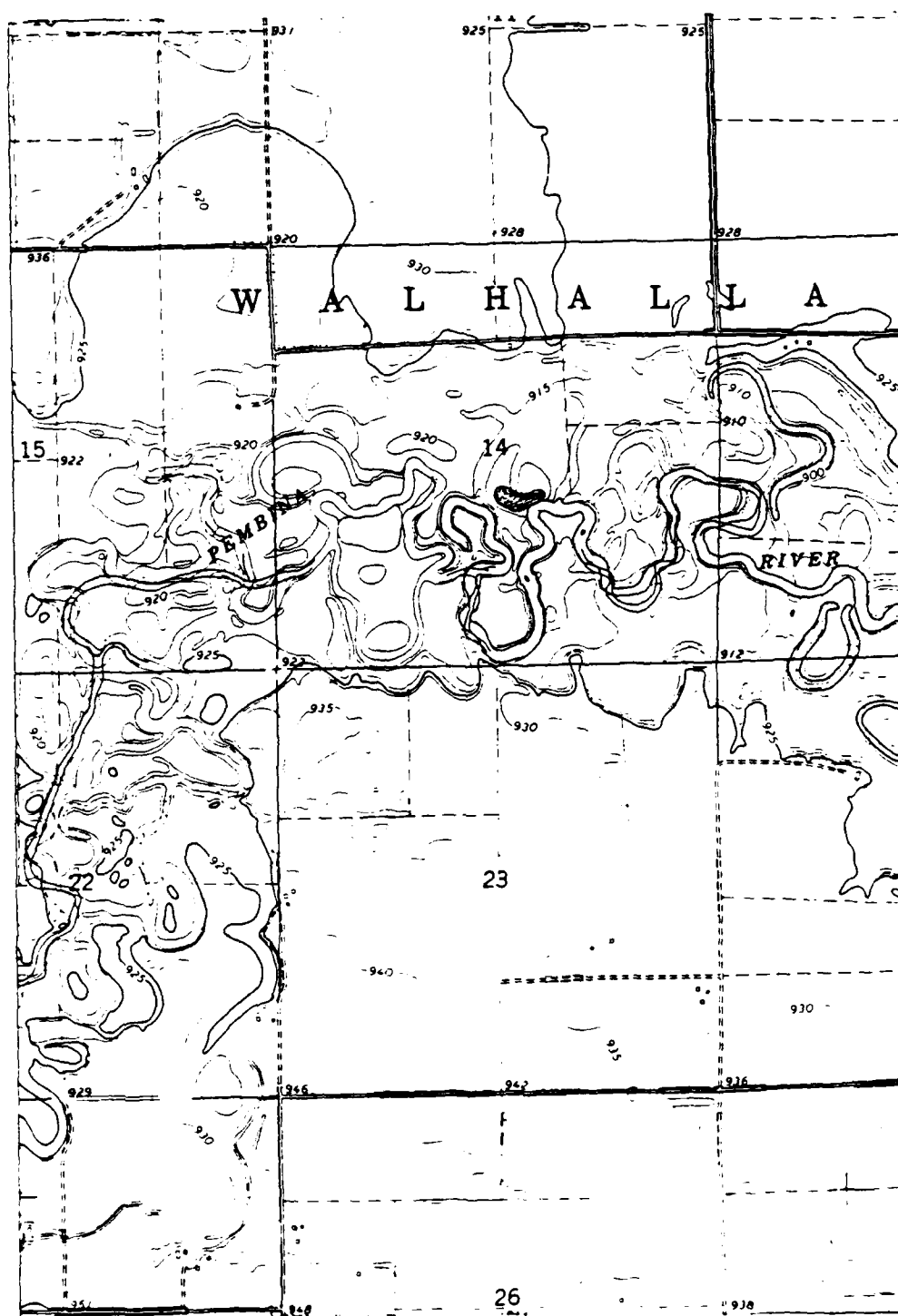
Map Scale:

400 ft

Recorded by Kenneth and Marie Brown

Date 8/12/81

USD-25



NOORS SITE FORM  
ARCHAEOLOGICAL SITES

Page 1

I. SITE I.D.

Field Code  
130-43

Site Name \_\_\_\_\_

Map Quad \_\_\_\_\_

\_\_\_\_\_

SITS #

State County Site Number

3 2 PE

LTL Twp R Sec QQQ QQ Q  
0 163 5520 3 7 5

LTL<sub>a</sub> Twp<sub>a</sub> R<sub>a</sub> Sec<sub>a</sub> QQQ<sub>a</sub> QQ<sub>a</sub> Q<sub>a</sub>

\_\_\_\_\_

II. SITE DESCRIPTION

|                                                 |                                                       |                                                       |                                                     |                                 |
|-------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|---------------------------------|
| SITE TYPE                                       |                                                       | CULTURAL MATERIAL                                     |                                                     | Site Area                       |
| 1 <input type="checkbox"/> Conical Timber Lodge | 2 <input type="checkbox"/> Bone (worked)              | 3 <input type="checkbox"/> Ceramics (Native)          | 4 <input type="checkbox"/> Charcoal                 | 5 <u>3750</u> 12 m <sup>2</sup> |
| 13 <input type="checkbox"/> Earthlodge Village  | 14 <input type="checkbox"/> Copper (Native)           | 15 <input type="checkbox"/> Faunal Remains (skeletal) | 16 <input type="checkbox"/> Fire Cracked Rock       | Cultural Depth                  |
| 15 <input type="checkbox"/> Earthworks          | 17 <input type="checkbox"/> Floral Remains            | 18 <input type="checkbox"/> Fossil                    | 19 <input type="checkbox"/> Hide, Hair, Fur         | 20 <u>21</u>                    |
| 17 <input type="checkbox"/> Fortification       | 21 <input type="checkbox"/> Human Remains             | 22 <input type="checkbox"/> Projectile Point          | 23 <input type="checkbox"/> Shell (worked)          | Depth Indicator                 |
| 22 <input type="checkbox"/> Grave               | 24 <input type="checkbox"/> Stone, chipped            | 25 <input type="checkbox"/> Stone, ground             | 26 <input type="checkbox"/> Trade Good (non-Native) | 27 <u>0</u>                     |
| 24 <input type="checkbox"/> Hearth              | 27 <input type="checkbox"/> Wood (worked)             | 28 <input type="checkbox"/> Other                     | 29 <input type="checkbox"/> Isolated Find           |                                 |
| 26 <input type="checkbox"/> Jump                | 30 <input type="checkbox"/> CM Density                | 31 <input type="checkbox"/> Basis for Dating          | 32 <input type="checkbox"/> Landform 1              |                                 |
| 29 <input type="checkbox"/> Mound               | 33 <input type="checkbox"/> Landform 2                | 34 <input type="checkbox"/> Slope/Exposure            | 35 <input type="checkbox"/> View, degree            |                                 |
| 31 <input type="checkbox"/> Other Rock Features | 36 <input type="checkbox"/> View, distance            | 37 <input type="checkbox"/> Elevation                 | 38 <input type="checkbox"/> Drainage System         |                                 |
| 33 <input type="checkbox"/> Pit                 | 39 <input type="checkbox"/> Dist Seas Water           | 40 <input type="checkbox"/> Seas Water Type           | 41 <input type="checkbox"/> Ecosystem               |                                 |
| 35 <input type="checkbox"/> Quarry/Mine         | 42 <input type="checkbox"/> Ownership                 | 43 <input type="checkbox"/> Site Condition            | 44 <input type="checkbox"/> Collection              |                                 |
| 38 <input type="checkbox"/> Rock Art            | 45 <input type="checkbox"/> Test                      | 46 <input type="checkbox"/> Excavation                | 47 <input type="checkbox"/> Fieldwork Date          |                                 |
| 41 <input type="checkbox"/> Rock Shelter        | 48 <input type="checkbox"/> Management Recommendation | 49 <input type="checkbox"/> Additional Information    | 50 <input type="checkbox"/> Office Use Only         |                                 |
| 44 <input type="checkbox"/> Stone Circle        | 51 <input type="checkbox"/> Soil Association          | 52 <input type="checkbox"/> Ecozone                   | 53 <input type="checkbox"/> Area Signf              |                                 |
| 48 <input type="checkbox"/> Trail (not recent)  | 54 <input type="checkbox"/> CR Type                   | 55 <input type="checkbox"/> Verified Site             | 56 <input type="checkbox"/> Non-Site                |                                 |
| 51 <input type="checkbox"/> Miscellaneous       | 57 <input type="checkbox"/> State Register            | 58 <input type="checkbox"/> National Register         | 59 <input type="checkbox"/> E C F T F               |                                 |
|                                                 | 60 <input type="checkbox"/> MS Number                 | 61 <input type="checkbox"/> Date Coded                | 62 <input type="checkbox"/> Coders                  |                                 |

III. ENVIRONMENT

\_\_\_\_\_

IV. C.R.M.

\_\_\_\_\_

OFFICE USE ONLY

\_\_\_\_\_

Coder \_\_\_\_\_

Date Coded \_\_\_\_\_



Field Code USD-43

## NDCRS ARCHEOLOGY SITE FORM

## Descriptive Section

Page 2

Site Number \_\_\_\_\_

1. Access Access to the site is 1½ miles west of Leroy on county highway 9, turn north onto a dirt field road. There is a prominent earthen mound about ½ mile north of highway 9. The site is the mound area.
2. Description of Site This site is on a large earthen mound. The mound appears to be natural, not of human manufacture. Some bone fragments were recovered from the top and sides of the mound. No cultural artifacts were recovered or observed. No cultural features were discernible.
3. Description of Cultural Materials A few fragments of bone were recovered.
4. Artifact Repository University of South Dakota Archaeology Laboratory
5. Description of Subsurface Testing None
6. Current Use of Site Crops
7. Owner's Name/Address Timothy Eagan
8. Vegetation Crops
9. Cover (% of visible ground) 50%, wheat, cut
10. Man-hours spent on site 4
11. Project Title Pembilier Dam and Flood Control P.I. Kenneth L. Brown
12. Report Title \_\_\_\_\_ Author K and M Brown
13. Other Published References None
14. Owner-Address of Collections Observed None
15. Statement of Integrity \_\_\_\_\_
16. Statement of Significance This site is considered a find spot. No definite cultural material was observed or collected. The mound appears to be due to natural agents. This site does not require further investigation.
17. Comments/References \_\_\_\_\_

Recorded by Kenneth and Marie BrownDate 8/19/81

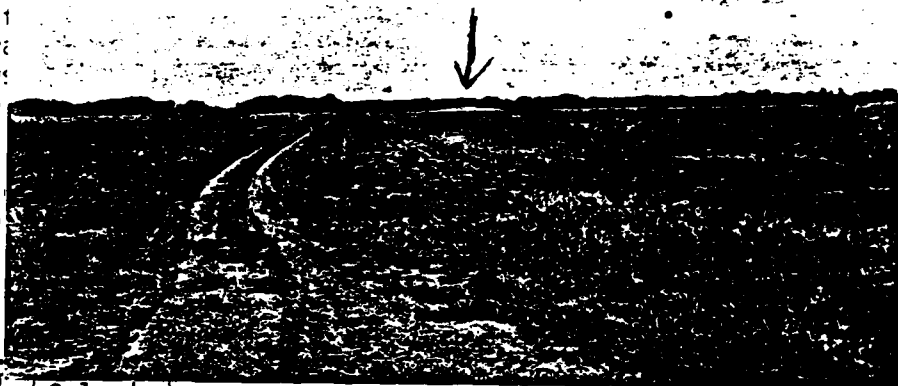
Field Code USD-43NDCRS SITE FORM  
Map & Photo Section  
Page 3

SITS Number \_\_\_\_\_

## TOPO

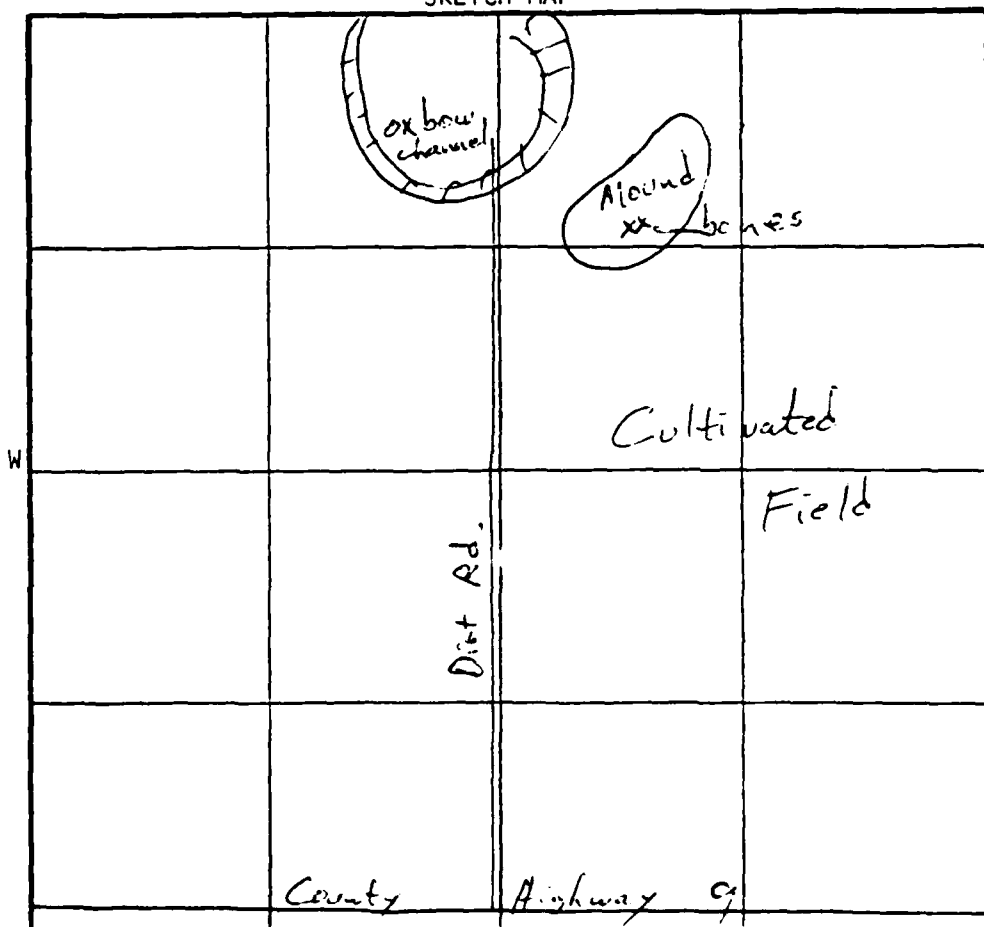
Attach the portion of  
7.5' U.S.G.S. topogra  
quadrangle that shows  
location of the site

Mark the boundaries  
site on the topograp  
section.

B.W. ☒ Color ☐Photo I.D. Code \_\_\_\_\_  
USD-43 PembinaStorage Location \_\_\_\_\_  
USDAL

## SKETCH MAP

Map Key:



Map Scale:

Recorded by Kenneth and Marie BrownDate 8/19/81

